



UNITED STATES DEPARTMENT OF COMMERCE
International Trade Administration
Washington, DC 20230

SEP 27 2019

Sam Gomberg
Union of Concerned Scientists
1825 K St. N.W., Suite 800
Washington, D.C. 20006

sgomberg@ucsusa.org

RE: DOC-ITA-2019-002108

Dear Mr. Gomberg:

This letter is in response to your Freedom of Information Act (FOIA) request, received by the U.S. Department of Energy under HQ-2018-01436-F, and referred to International Trade Administration (ITA) on August 30, 2019. In your request, you sought:

1. All emails, email attachments, or calendar invitations/entries sent or received by the following people:
 - a. Brian McCormack
 - b. Mark Menezes
 - c. Steve Winberg
 - d. Mark Maddox
 - e. Sean Plasynski
 - f. Bruce Walker
 - g. Edward McGinnis
 - h. Theodore Garrish
 - i. Martin Dannenfelser
 - j. Jennifer Loraine
 - k. Daniel Simmons
 - l. Sean Cunningham
 - m. Shaylyn Hynes

Provide records from May 30, 2018 to June 5, 2018.

ITA received two (2) pages responsive to your request for review and will be releasing them to you in their entirety.

If you have any questions or concerns or would like to discuss any aspect of your request, you may contact the analyst who processed your request, Brian Yanos, at 202-482-0549 or Brian.Yanos@trade.gov.

You may also contact ITA's FOIA Public Liaison, using the following information:

Victor E. Powers
Director, Management Operations
Office of the Chief Financial and Administrative Officer
International Trade Administration
1401 Constitution Avenue, N.W., Room 40003
Washington, D.C. 20230
(202) 482-5436, foia@trade.gov

Please refer to your FOIA request tracking number, DOC-ITA-2019-002108 when contacting ITA.

In addition, you may seek FOIA mediation services offered by the National Archives and Records Administration, Office of Government Information Services (OGIS). You may contact OGIS using the following information:

Office of Government Information Services
National Archives and Records Administration
8601 Adelphi Road-OGIS
College Park, MD 20740-6001
(202) 741-5770 or toll free, 1-877-684-6448
facsimile: (202) 741-5769; email: ogis@nara.gov

In accordance with 15 C.F.R. §§ 4.10(a) and (b), you have the right to appeal this determination within 90 calendar days from the date of this letter. The Department deems appeals arriving after normal business hours (8:30 a.m. to 5:00 p.m., Eastern Time, Monday through Friday) as received on the next normal business day. If the 90th calendar day for submitting an appeal falls on a Saturday, Sunday or legal public holiday, an appeal received by 5:00 p.m., Eastern Time, the next business day will be deemed timely. The appeal should include a copy of the original request, this response, and a statement of the reasons why you consider the Department made this determination in error. Please mail written appeals to:

Assistant General Counsel for Litigation, Employment, and
Oversight
U.S. Department of Commerce
1401 Constitution Avenue, N.W. Room 5896
Washington, D.C. 20230

You may send an appeal by e-mail to FOIAAppeals@doc.gov, or through FOIAonline at <https://www.foiaonline.gov/foiaonline/action/public/home> if you have a FOIAonline account. Clearly mark "Freedom of Information Act Appeal", in the e-mail subject line, or on both the appeal letter and envelope.

Sincerely,



Victor E. Powers
Director
Management Operations
Office of the Chief Financial and
Administrative Officer

Enclosures

Rodriguez, Susan (CONTR)

From: Winberg, Steven
Sent: Monday, June 04, 2018 6:25 AM
To: Alan Turley;McKinney, Ted - OSEC, Washington, DC
Cc: Hafemeister, Jason - OSEC, Washington, DC;Wade.Sheppard@fas.usda.gov
Subject: RE: SWLR to be reaching out to your bosses this morning

Thanks Alan
(b) (5)

Looking forward to next step.

From: Alan Turley [mailto:Alan.Turley@trade.gov]
Sent: Monday, June 04, 2018 7:45 AM
To: McKinney, Ted - OSEC, Washington, DC <ted.mckinney@osec.usda.gov>; Winberg, Steven <Steven.Winberg@hq.doe.gov>
Cc: Hafemeister, Jason - OSEC, Washington, DC <Jason.Hafemeister1@osec.usda.gov>; Wade.Sheppard@fas.usda.gov
Subject: SWLR to be reaching out to your bosses this morning

First, I want to thank both of you for your support of the Secretary's visit. It was a great pleasure to work with you and your outstanding teams. I appreciate your professionalism and your patience with the logistical issues of putting on such a visit at short notice.

Second, I wanted to give you a heads up that Secretary Ross will be trying to talk to your bosses this morning at 10:00 to align for a meeting with POTUS today at 4:00. Wendy will be reaching out at the Chief of Staff level, but I wanted to ensure that you were looped.

Rgds.

Get [Outlook for iOS](#)

Rodriguez, Susan (CONTR)

From: Winberg, Steven
Sent: Monday, June 04, 2018 7:34 AM
To: Alan Turley
Subject: RE: SWLR to be reaching out to your bosses this morning

Do you have a minute to chat?
Ring me at (b) (6)

From: Alan Turley [mailto:Alan.Turley@trade.gov]
Sent: Monday, June 04, 2018 7:45 AM
To: McKinney, Ted - OSEC, Washington, DC <ted.mckinney@osec.usda.gov>; Winberg, Steven <Steven.Winberg@hq.doe.gov>
Cc: Hafemeister, Jason - OSEC, Washington, DC <Jason.Hafemeister1@osec.usda.gov>; Wade.Sheppard@fas.usda.gov
Subject: SWLR to be reaching out to your bosses this morning

First, I want to thank both of you for your support of the Secretary's visit. It was a great pleasure to work with you and your outstanding teams. I appreciate your professionalism and your patience with the logistical issues of putting on such a visit at short notice.

Second, I wanted to give you a heads up that Secretary Ross will be trying to talk to your bosses this morning at 10:00 to align for a meeting with POTUS today at 4:00. Wendy will be reaching out at the Chief of Staff level, but I wanted to ensure that you were looped.

Rgds.

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FEDERAL ENERGY REGULATORY COMMISSION
WASHINGTON, D.C. 20426

SEP 27 2019

Re: FOIA No. FY18-113
Seventh Response Letter

VIA EMAIL AND REGULAR MAIL

Mohammad Aslami
Union of Concerned Scientists
1825 K St., NW
Suite 800
Washington, DC 20006-1232
maslami@ucsusa.org

Dear Mr. Mohammad Aslami:

This is a seventh rolling response to your request, filed August 23, 2018, for information pursuant to the Freedom of Information Act (FOIA),¹ and the Federal Energy Regulatory Commission's (Commission) FOIA regulations, specifically 18 C.F.R. § 388.108 (2018). Specifically, you requested:

1. *All emails, email attachments, or calendar invitations/entries – from March 1, 2018 to the present – sent by or received from Travis Fisher containing certain terms.*²
2. *All emails, email attachments, or calendar invitations/entries – from January 1, 2018 to present – sent by or received from Anthony Pugliese containing certain terms.*³

On October 11, 2018, the Commission issued its first rolling response releasing 30 documents and withholding in their entirety 147 documents. On December 20, 2018, the Commission issued its second rolling response releasing an additional 30 documents and withholding in their entirety 240 documents. On January 23, 2019, the Commission issued

¹ 5 U.S.C. § 552(a) *as amended by* the FOIA Improvement Act of 2016, Pub. L. No. 114-185, 130 Stat. 538 (2017).

² Terms include: Coal, Nuclear, Resiliency, Critical Infrastructure, Reliability, White House, Federal Power Act, FPA, Defense Production Act, DPA, DOE.hq.gov, EOP.gov, Perry, 202(c), McNamee.

³ Same terms as Footnote 2.

its third rolling response releasing an additional 40 documents and not withholding any documents.

On February 14, 2019, you agreed to narrow the search going forward to alter the start date for Anthony Pugliese's emails to March 1, 2018 and to exclude the terms "Federal Power Act," "FPA," "Perry," and "White House" from the search entirely. Based on these new terms, on April 5, 2019, the Commission issued its fourth rolling response releasing 67 documents and withholding in their entirety 88 documents. On May 15, 2019, the Commission issued its fifth rolling response, releasing 30 documents and withholding in their entirety 147 documents. On July 12, 2019, the Commission issued its sixth rolling response releasing 55 and withholding in their entirety 230 documents. These responses also informed you that there are potentially numerous additional responsive documents that would be released on a rolling basis.

On August 14, 2019, in the interest of further narrowing FERC's search results, you agreed to exclude the terms "doe.hq.gov" and "eop.gov" from the search. Based on these new search terms, the Commission has made a determination as to 201 additional documents. Of the 201 documents, 30 are being released in whole or in part, and 171 are being withheld in their entirety. Of the 171 documents, 7 are being withheld under FOIA Exemption 6 and 164 are being withheld under FOIA Exemption 5.⁴ FOIA Exemption 5 is being invoked to protect FERC Officials' internal views, comments, preliminary thoughts, and analysis of various matters before the Commission.⁵ FOIA Exemption 6 is being invoked to protect the names of lower level staff and email discussions between Commission employees and persons applying for positions within the Commission.

Given the high volume of information requested and the amount of Commission staff time required to process any responsive documents under the revised narrowed search for documents, we will continue to process the remaining documents on a rolling basis.⁶

⁴ See 5 U.S.C. § 552(b)(5) (protecting inter-agency or intra-agency memoranda); 5 U.S.C. § 552(b)(6) (protecting personnel . . . and similar files the disclosure of which would constitute a clearly unwarranted invasion of personal privacy).

⁵ As a courtesy, enclosed is an index of all documents being withheld in full under this response.

⁶ See *S. Yuba River Citizens League v. Nat'l Marine Fisheries Serv.*, No. Civ. S-06-2845, 2008 U.S. Dist. LEXIS 107177, 47 (E.D. Cal. June 20, 2008) (supporting the practice of releasing documents on a rolling basis); *Hinton v. Fed. Bureau of Investigations*, 527 F. Supp. 223, 225 (E.D. Penn. 1981) (noting that rolling responses preserve the government's right to carefully review material while promoting FOIA's disclosure goals); see also U.S. Dep't of Justice, *FOIA Post*, "OIP Guidance: The importance of Good Communication with FOIA requesters," (posted 2010) (stating agencies should provide rolling responses for requests involving a voluminous material).

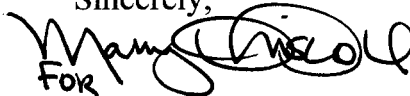
We will endeavor to provide you with another determination within twenty business days or sooner, and complete final processing as soon as possible.

Ordinarily, any appeal from a FOIA determination must be filed within 90 days of the date of issuance as provided by the Freedom of Information Act and 18 C.F.R. § 388.110(a)(1) of the Commission's regulations. However, because your request is being processed on a rolling basis, the Commission will hold your appeal rights in abeyance pending a final determination. This will allow you to file a single appeal at the conclusion of our processing of your request.⁷

If you decide to appeal, this appeal must be in writing, addressed to James P. Danly, General Counsel, Federal Energy Regulatory Commission, 888 First Street, NE, Washington, D.C. 20426, and clearly marked "Freedom of Information Act Appeal." Please include a copy to Charles A. Beamon, Associate General Counsel, General and Administrative Law, at the same address.

You have the right to seek dispute resolution services from the FOIA Public Liaison of the agency or the Office of Government Information Services (OGIS). Using OGIS services does not affect your right to pursue your appeal. You may contact OGIS by email at ogis@nara.gov; telephone at (877) 684-6448; facsimile at (301) 837-0348; or by mail to the Office of Government Information Services, National Archives and Records Administration, Room 2510, 8601 Adelphi Road, College Park, MD 20740-6001.

Sincerely,

A handwritten signature in black ink, appearing to read "Leonard M. Tao", with the word "FOR" written below it.

Leonard M. Tao
Director
Office of External Affairs

Enclosures (30)

⁷ In lieu of filing a FOIA appeal with the Commission, on November 15, 2018, you filed a Complaint in the United States District Court of Columbia, designated as Civil Action No. 18-cv-02615-DLF.

Withheld Document Index – Seventh Release

Document	Date	Subject	Exemption
A couple follow-up questions	5/18/2018	Internal emails and draft memorandum	Exemption 5
██████████ Proceeding - High-Level Reply Comment Summaries	5/17/2018	Internal emails discussing Commission Meeting Topics	Exemption 5
Advance Materials for Program Offices Meetings	5/18/2018	Internal Emails Discussing Commission Topics	Exemption 5
Any Items for Friday Package? (9)	5/17/2018	Internal emails Discussing Commission Topics	Exemption 5
Any Items for Friday Package? (16)	5/3/2018	Internal emails Discussing Commission Topics	Exemption 5
Any Other Discussion Items? (11)	5/18/2018	Internal Emails and draft memorandum	Exemption 5
April Hearing ██████████ ██████████ : ██████████ ██████████	5/21/2018	Internal discussions of ██████████ questions for the record from a public hearing	Exemption 5
██████████ Status Report - ██████████	5/23/2018	Internal emails discussing ongoing proceeding	Exemption 5
Commission meeting- ██████████ DRAFT PROGRAM	5/16/2018	██████████ DRAFT program	Exemption 5
Commission Memo and Notice ██████████ (1)	5/16/2018	Internal draft memorandum	Exemption 5
Commission Memo and Notice ██████████	5/22/2018	Draft Audit Report and memorandum	Exemption 5
Complaint and related proceedings involving the ██████████ ██████████	No date	Internal email discussing ongoing proceeding	Exemption 5
██████████ Report Work Plan	5/2/2018	Internal email and agency deliberations	Exemption 5
██████████ Order for Review	5/16/2018	Draft Order	Exemption 5
██████████ Questions	5/16/2018	Internal email discussing Commission operations	Exemption 5
Discussion Agenda (28)	5/14/2018	Internal email discussing Commission meeting topics	Exemption 5
Discussion Agenda (31)	5/21/2018	Internal email discussing Commission meeting topics	Exemption 5
██████████ NOPR review and suggested comments	5/2/2018	Draft email on NOPR	Exemption 5

**Many of the documents withheld are repeat documents with varying recipients or differing material

Withheld Document Index – Seventh Release

██████████ Status Today	5/3/2018	Internal email discussing ongoing Commission matter.	Exemption 5
Draft Agenda - ██████████ ██████████ Conference	5/3/2018	Draft Agenda on Reliability Tech Conference	Exemption 6
Draft Order: ██████████ ██████████ ██████████ Language Revision	5/16/2018	Draft order and related discussion.	Exemption 5
Draft Response to ██████████ ██████████ ██████████	5/4/2018	Draft memorandum and related discussion.	Exemption 5
██████████ Settlement Materials - ██████████ ██████████ ██████████	5/21/2018	Draft settlement materials for Duke Energy Corp.	Exemption 5
██████████ draft order ██████████ ██████████ ██████████ ██████████ ██████████ ██████████ ██████████ ██████████	5/10/2018	Draft order and related discussion.	Exemption 5
██████████ Pre-Agenda ██████████ ██████████ Meeting Cycle	5/3/2018	Internal email re- pre-agenda	Exemption 5
██████████ ██████████ draft order	5/23/2018	Internal email – Draft order	Exemption 5
FERC - ██████████ Status	5/9/2018	Internal email discussing terminal licensing.	Exemption 5
FW: ██████████ text	5/9/2018	Draft NAFTA suggested language.	Exemption 5
Follow-up for ██████████ ██████████ ██████████ Meetings	5/18/2018	Internal emails discussing Commission Meeting Topics	Exemption 5
██████████ ██████████ - Staff Report and Draft Order ██████████	5/4/2018	Internal email discussing ongoing matters at the Commission	Exemption 5
FW: 2018 Continuity of Operations (COOP)	5/2/2018	Internal email re- coop drill and telework	Exemption 5

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[REDACTED]			
FW: Briefing on [REDACTED]	5/18/2018	Internal emails discussing ongoing matters	Exemption 5
[REDACTED] NOPR review and suggested comments	5/9/2018	Draft memorandum and internal discussions.	Exemption 6
[REDACTED], draft order on [REDACTED]	5/14/2018	Internal email discussing ongoing proceedings	Exemption 5
[REDACTED] reply in [REDACTED] attached	5/5/2018	Internal email discussing ongoing matters	Exemption 5
FW: FOR REVIEW: Draft agenda for the [REDACTED]	5/17/2018	Draft memorandum and internal discussions	Exemption 5
FW: [REDACTED]	5/10/2018	Internal emails discussing ongoing matters	Exemption 5
[REDACTED] Report - [REDACTED]	5/4/2018	Internal emails discussing ongoing matters	Exemption 5
[REDACTED] follow-up	5/4/2018	Internal emails and agency deliberation	Exemption 5
[REDACTED] Press Release re: [REDACTED]	5/23/2018	Internal emails discussing ongoing matters	Exemption 5
FW: [REDACTED]	5/8/2018	Internal emails discussions ongoing matters	Exemption 5
FW: Scheduling related to [REDACTED]	5/10/2018	Internal email regarding staff member from the European Commission	Exemption 5
Scheduling related to [REDACTED]	5/14/2018	Internal email to get on the Chairman's calendar re: Several matters	Exemption 5
Updated Briefings Memo	5/3/2018	Draft memorandum and internal discussions	Exemption 5

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FW: Washington Post Live topics	5/7/2018	Internal emails between Commission offices	Exemption 5
Fwd: [REDACTED] Decision on the [REDACTED] Order	5/19/2018	Internal email discussion Commission Order	Exemption 5
Fwd: [REDACTED] Updated draft [REDACTED]	5/1/2018	Internal email discussion Commission Order	Exemption 5
Fwd: [REDACTED] Extension of Time	5/20/2018	Internal email discussion Commission Order	Exemption 5
Fwd: Request Meeting [REDACTED] [REDACTED]	5/24/2018	Internal email discussion Commission matters	Exemption 5
[REDACTED] Extension of Time	5/18/2018	Internal email discussion Commission Order	Exemption 5
Guidance Needed - [REDACTED] Order [REDACTED] [REDACTED]	5/22/2018	Internal email discussion Commission Order	Exemption 5
House Appropriations Subcommittee on Energy and Water Development unveils bill	5/6/2018	Internal email discussing Commission matters	Exemption 5
House E&C Full Committee Mark Up	5/8/2018	Internal email discussing Commission Matters	Exemption 5
House Science, Space, and Technology hearing	5/9/2018	Internal email Congressional hearing	Exemption 5
LaFleur FYI ----- FW: [REDACTED] Briefing for Commissioner LaFleur -- TRANSPORT	5/4/2018	Internal email between staff and security personnel.	Exemption 5
Listing of [REDACTED] [REDACTED]	5/21/2018	Internal email between Commission offices	Exemption 5
May Podcast proposal	5/16/2018	Internal email between OEA and Commissioners	Exemption 5
Memo on offering regular [REDACTED] [REDACTED]	5/9/2018	Internal email re Commissioner threat briefings	Exemption 5
[REDACTED] [REDACTED] [REDACTED]	5/13/2018	Internal email discussing [REDACTED]	Exemption 5
NEW: RE: Commission meeting [REDACTED] DRAFT PROGRAM	5/16/2018	Internal email and draft memorandum	Exemption 5

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News release on FERC- [REDACTED] [REDACTED]	5/2/2018	Internal emails discussing new release	Exemption 5
OEA May Commission meeting briefing 11 a.m. Tuesday May 8 in OEA Conference Room	5/4/2018	Internal emails discussing Commission meeting	Exemption 5
OER Director [REDACTED] [REDACTED] [REDACTED]	No date	Internal email discussing employee interviews	Exemption 5
OER [REDACTED] [REDACTED]	5/7/2018	Internal emails and invitation	Exemption 5
Order on [REDACTED] [REDACTED] [REDACTED] [REDACTED]	5/18/2018	Internal email- order on Rehearing	Exemption 5
Organizational Staffing Summary	5/11/2018	Internal discussion of news article	Exemption 5
[REDACTED] Breach	5/16/2018	Email discussing Commission Order	Exemption 5
Proposal [REDACTED] [REDACTED] [REDACTED]	5/21/2018	Internal email discussing Commission matters	Exemption 5
Proposed: [REDACTED] [REDACTED] [REDACTED] [REDACTED]	5/24/2018	Internal email and draft memorandum	Exemption 5
Q&A for Commission meeting media briefing	5/15/2018	Internal email discussing Commission matters	Exemption 5
[REDACTED] Hearing of April 17	5/11/2018	Internal email discussing Commission Matters	Exemption 5
[REDACTED]	5/21/2018	Internal email discussing Commission Matters	Exemption 5
RE: #SubEnergy to Hold 'Powering America' Hearing on Electric Transmission Infrastructure	5/8/2018	Internal email discussing Commission Matters	Exemption 5
RE: #SubEnergy to Hold 'Powering America' Hearing on Electric Transmission Infrastructure	5/11/2018	Internal email discussing Commission Matters	Exemption 5
RE: [REDACTED] [REDACTED] Pipeline	5/15/2018	Internal emails discussing specific pipeline	Exemption 5

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RE: 4.17.18 Energy Hearing Transcript - [REDACTED]	5/8/2018	Internal emails discussing Commissioner Testimony	Exemption 5
RE: Advance copy of [REDACTED] Proposed Rulemaking (2)	5/9/2018	Internal email and draft rulemaking	Exemption 5
RE: Advance copy of [REDACTED] Proposed Rulemaking (3)	5/9/2018	Internal email and draft rulemaking	Exemption 5
RE: Advance Materials for Program Offices Meetings(18)	5/18/2018	Internal email and draft rulemaking	Exemption 5
RE: Any Other Discussion Items?(2)	5/11/2018	Internal email and draft rulemaking	Exemption 5
Bloomberg interview request (1)	5/11/2018	Internal email and draft rulemaking	Exemption 5
RE: Bloomberg interview request (2)	5/15/2018	Internal email and draft rulemaking	Exemption 5
RE: Commission Memo and Notice [REDACTED]	5/22/2018	Internal emails and draft memorandum	Exemption 5
RE: [REDACTED] Order for Review(1)	5/18/2018	Internal emails and draft order	Exemption 5
RE: [REDACTED] Order for Review	5/24/2018	Internal emails and draft order	Exemption 5
RE: [REDACTED] Questions (1)	5/17/2018	Internal email discussing Commission Matters	Exemption 5
RE: [REDACTED] Questions (3)	5/16/2018	Internal email discussing Commission matters	Exemption 5
RE: [REDACTED] Questions	5/17/2018	Internal emails discussing external affairs	Exemption 5
[REDACTED] Draft [REDACTED] and suggested co...(1)	5/9/2018	Internal email discussing draft rule	
[REDACTED] Draft [REDACTED] and suggested comments (2)	5/9/2018	Internal email discussing draft rule	Exemption 5
[REDACTED] staff Request for FERC Presentation on Issues Related to [REDACTED]	5/16/2018	Internal emails discussing Commission matters	Exemption 5

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<p>████ staff Request for FERC Presentation on ██████████ ██████████ ██████████ ██████████ ██████████ ██████████</p>	5/14/2018	Internal emails discussing Commission matters	Exemption 5
<p>████ staff Request for FERC Presentation on Issues Related ██████████ ██████████ ██████████ ██████████ ██████████</p>	5/7/2018	Internal emails discussing Commission matters	Exemption 5
<p>████ staff Request for FERC Presentation on Issues ██████████ ██████████ ██████████ ██████████ ██████████</p>	5/7/2018	Internal emails discussing Commission matters	Exemption 5
<p>████ staff Request for FERC Presentation on Issues ██████████ ██████████ ██████████ ██████████ ██████████</p>	5/15/2018	Internal emails discussing Commission matters	Exemption 5
<p>████ staff Request for FERC Presentation on Issues ██████████ ██████████ ██████████ ██████████ ██████████</p>	5/17/2018	Internal emails discussing Commission matters	Exemption 5
<p>Draft Agenda - 2018 ██████████ Conference(1)</p>	5/15/2018	Internal emails discussing training conference	Exemption 5
<p>Draft Agenda - 2018 ██████████ Conference(3)</p>	5/15/2018	Internal emails discussing training conference	Exemption 5
<p>Draft Agenda - 2018 ██████████ Conference</p>	5/18/2018	Internal emails discussing training conference	Exemption 5
<p>Draft news release on ██████████ report</p>	5/1/2018	Internal emails discussing Commission matters	Exemption 5

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Draft Notice Inviting [REDACTED] Comments [REDACTED] [REDACTED] [REDACTED] Subcommittee Hearing	5/14/2018	Internal emails discussing training conference	Exemption 5
Draft OER [REDACTED] Questions	5/8/2018	Internal emails discussing Commission matters	Exemption 5
Draft Order: [REDACTED] [REDACTED] [REDACTED] Language Revision (1)	5/17/2018	Internal email discussing draft order	Exemption 5
Draft Order: [REDACTED] [REDACTED] [REDACTED] Language Revision (2)	5/18/2018	Internal email discussing draft order	Exemption 5
Draft Order: [REDACTED] [REDACTED] [REDACTED] Language Revision	5/18/2018	Internal email discussing draft order	Exemption 5
[REDACTED] [REDACTED] Workshop 15 May (1)	5/7/2018	Internal email discussing insight workshop	Exemption 5
[REDACTED] [REDACTED] Workshop 15 May)	5/7/2018	Internal email discussing insight workshop	Exemption 5
[REDACTED] Pre-Agenda for [REDACTED] [REDACTED]	5/3/2018	Internal email discussing matters for the program office meeting	
Energy Infrastructure	5/16/2018	Internal email deliberations	Exemption 5
[REDACTED] [REDACTED] draft order	5/24/2018	Internal emails and draft order	Exemption 5
[REDACTED] Energy [REDACTED]	5/24/2018	Internal email discussing draft order	Exemption 5
FERC - [REDACTED] Status	5/10/2018	Internal email discussing Commission matters	Exemption 5
Final draft of release on staff [REDACTED] [REDACTED]	5/1/2018	Internal email discussing Commission matters	Exemption 5
[REDACTED] [REDACTED] Staff Report and Draft Order [REDACTED]	5/23/2018	Internal emails and draft orders	Exemption 5
For Review by [REDACTED]: [REDACTED]	5/14/2018	Internal emails discussing software conference	Exemption 5

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Conference Draft Agenda [REDACTED]			
For Your Consideration: Information Concerning Draft Order [REDACTED] [REDACTED] [REDACTED] [REDACTED]	5/3/2018	Internal emails and draft orders	Exemption 5
[REDACTED] Extension of Time(1)	5/18/2018	Internal email discussing Commission matters	Exemption 5
[REDACTED] Extension of Time	5/23/2018	Internal email discussing Commission matters	Exemption 5
House Appropriations [REDACTED] [REDACTED]	5/16/2018	Internal email discussing Commission matters	Exemption 5
House Appropriations [REDACTED] [REDACTED]	5/16/2018	Internal email discussing Commission matters	Exemption 5
Invitation to RFF-R Street Grid Resilience Workshop	5/1/2018	Internal email discussing resilience workshop	Exemption 5
LaFleur FYI ----- FW: [REDACTED] Briefing for Commissioner LaFleur -- TRANSPORT	5/7/2018	Internal email discussing Commission matters	Exemption 5
Meeting Request (1)	5/9/2018	Internal email discussing Commission matters	Exemption 5
Meeting Request	5/9/2018	Internal email discussing Commission matters	Exemption 5
[REDACTED]	5/16/2018	Internal email discussing Commission matters	Exemption 5
[REDACTED] Visit Offer	5/7/2018	Internal email discussing Commission matters	Exemption 5
Photo from board mtg	5/7/2018	Internal email discussing Commission matters	Exemption 5
RE: [REDACTED] [REDACTED] Energy Hearing (1)	5/11/2018	Internal email discussing Energy Hearing	Exemption 5
RE: [REDACTED] [REDACTED] Energy Hearing (3)	5/7/2018	Internal email discussing Energy Hearing	Exemption 5
RE: [REDACTED] [REDACTED] Energy Hearing (4)	5/11/2018	Internal email discussing Energy Hearing	Exemption 5

**Many of the documents withheld are repeat documents with varying recipients or differing material

Withheld Document Index – Seventh Release

RE: [REDACTED] [REDACTED] Energy Hearing (6)	5/16/2018	Internal email discussing Energy Hearing	Exemption 5
RE: [REDACTED] [REDACTED] Energy Hearing (10)	5/8/2018	Internal email discussing Energy Hearing	Exemption 5
RE: [REDACTED] [REDACTED] Energy Hearing	5/21/2018	Internal email discussing Energy Hearing	Exemption 5
RE: [REDACTED] [REDACTED] matters (1)	5/17/2018	Internal email discussing Commission matters	Exemption 5
RE: [REDACTED]: [REDACTED] matters (1)	5/17/2018	Internal email discussing Commission matters	Exemption 5
RE: Rehearing of Order [REDACTED]	5/2/2018	Internal email and draft order	Exemption 5
RE: request for comments (7)	5/1/2018	Internal email discussing Commission matters	Exemption 5
RE: Speeches for AWEA and EBA Lunch (1)	5/4/2018	Internal email discussing speaker event	Exemption 5
RE: Speeches for AWEA and EBA Lunch	5/4/2018	Internal email discussing speaker event	Exemption 5
RE: Summer Assessment Draft for Commission Meeting	5/15/2018	Internal email discussing speaker event	Exemption 5
RE: Summer Assessment Draft for May 17 Commission Meeting (1)	5/10/2018	Internal email discussing Commission matters	Exemption 5
RE: Summer Assessment Draft for May 17 Commission Meeting (2)	5/9/2018	Internal email discussing Commission matters	Exemption 5
RE: Summer Assessment Draft for May 17 Commission Meeting	5/13/2018	Internal email discussing Commission matters	Exemption 5
RE: Updated Briefings Memo	5/4/2018	Internal email discussing Commission matters	Exemption 5
RE: Voice Message from Unknown [REDACTED]	5/9/2018	Internal email discussing Commission matters	Exemption 5
RE: Washington Post Live Tweet(1)	5/10/2018	Internal email discussing Commission matters	Exemption 5

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RE: Washington Post Live Tweet(2)	5/10/2018	Internal email and deliberations	Exemption 5
██████████ matters	5/16/2018	Internal email and draft forms	Exemption 5
Request Meeting For Process Guidance ██████████	5/24/2018	Internal email and deliberations	Exemption 5
Resending Memo on ██████████ briefings	5/9/2018	Internal email and deliberations for hearing	Exemption 5
Resending Memo on ██████████ briefings	5/9/2018	Internal email on draft order	Exemption 5
██████████ COOP Exercise	Date unknown	Internal email discussing Commission matters	Exemption 5
Speeches for AWEA and EBA Lunch	5/4/2018	Internal email discussing speeches for event	Exemption 5
Summer Assessment Draft for Commission Meeting	5/11/2018	Internal email for Commission Meeting	Exemption 5
Summer Assessment Draft for May 17 Commission Meeting	5/2/2018	Internal email – for Commission Meeting	Exemption 5
Talking Points for ██████████	5/17/2018	Internal email discussing Commission matters	Exemption 5
Thank You -- ██████████ Position	5/19/2018	Internal email discussing Commission matters	Exemption 5
██████████ of The WSJ: Interview with the Chairman	5/21/2018	Internal email discussing Commission matters	Exemption 5
██████████ Draft Order ██████████	5/14/2018	Internal email discussing Commission matters	Exemption 5
update	5/23/2018	Internal email re: update on conference	Exemption 5
UPDATED: Q&A for Chairman's ██████████ prep	5/16/2018	Internal email discussing Commission matters	Exemption 5
Washington Post Live topics	5/7/2018	Internal email discussing Commission matters	Exemption 5
OER ██████████	5/10/2018	Internal email discussing personnel matter	Exemption 6
Re: RE: RE: (1)	5/9/2018	Internal email discussing personnel matter	Exemption 6
Re: RE: RE:	5/13/2018	Internal email discussing personnel matter	Exemption 6
RE: Salary	5/9/2018	Internal email discussing personnel matter	Exemption 6

**Many of the documents withheld are repeat documents with varying recipients or differing material

Withheld Document Index – Seventh Release

RE: Thank You	5/16/2018	Internal email discussing personnel matter	Exemption 6
Resume	5/9/2018	Internal email discussing personnel matter	Exemption 6
Thank You	5/15/2018	Internal email discussing personnel matter	Exemption 6

From: [Hillary Huffer](#)
To: [OE-ALL](#); [Anna Cochrane](#); [Jette Gebhart](#); [Arnie Quinn](#); [Jignasa Gadani](#); [Christy Walsh](#); [Leslie Kerr](#); [Richard O'Neill](#); [Aileen Roder](#); (b) (6); [Valerie Teeter](#); [Christopher Young](#); [Jennifer Shipley](#); [Thomas Dautel](#); [Kelli Merwald](#); [Mary Wierzbicki](#); [David Ortiz](#); [Kent Davis](#); [Lawrence Greenfield](#); (b) (6); [Helen E. Dyson](#); [David Morenoff](#); [Maria Farinella](#); [Leonard Tao](#); [Sandra Waldstein](#); [Mary O'Driscoll](#); [David Andrejak](#); [Joseph McClelland](#); [Carmen Cintron](#); [Martha Altamar](#); [Nils Nichols](#); [John Kroeger](#); [Commissioners' Assistants](#); [Cameron Schilling](#); [SPPMMU-FERC](#)
Cc: (b) (6); [Caroline Wozniak](#); [Zeny Magos](#); [Elizabeth Canizares](#); [Stephen Flanagan](#); (b) (6); [Elizabeth Salerno](#); [Anthony Pugliese](#); (b) (6); [Eric Vandenberg](#); (b) (6); [Nicholas Gladd](#); (b) (6)
Subject: 2017 SPP State of the Market Report Presentation
Attachments: [2017 SPP MMU Annual Report FERC presentation \(002\).pdf](#)
[2017SPPSOM.pdf](#)

Reminder: SPP's Market Monitoring Unit will be presenting today at 1PM in 3M-3.

SPP's Market Monitoring Unit will be coming to the Commission to present and discuss its 2017 State of the Market report at the date, time and location listed below.

Date: Thursday, May 10, 2018
Presenters: Keith Collins, Executive Director
Greg Sorenson, Supervisor
Time: 1:00 PM to 3:00 PM
Location: Conference Room 3M-3

Please forward this invitation to others who may be interested in attending the presentation. All are welcome and encouraged to attend.

From: [Tracy Adamsky](#) on behalf of [Kevin McIntyre](#)
To: [Anthony Pugliese](#); [Laura Swett](#); [Nicholas Gladd](#); [Angela Amos](#); [Carolyn Clarkin](#)
Cc: [Martin Kirkwood](#)
Subject: Airlines for America
Attachments: [Bios - FERC.commissioners.mtgs May 2018.docx](#)
[jet-fuel-1.pdf](#)

Attendees:

David A. Berg, Senior Vice President, General Counsel and Secretary, Airlines for America
Catherine A. Bucht, Managing Director, Fuel Optimization, Airlines for America
Michael H. Baer, Managing Director, Fuel & Energy Procurement, American Airlines Group
Michael AuBuchon, Director, Fuel Supply Chain Management, Southwest Airlines Co.
John Briere, Sr. Manager, Fuel Supply, Fuel Supply Chain Management, Southwest Airlines Co.
Michael Whitlatch, Vice President of Global Energy and Procurement, UPS
Richard E. Powers, Jr., Venable LLP

Text of Original Request:

Name: Richard E. Powers, Jr.

Title: Attorney

Company / Organization: Venable LLP

Phone Number: (b) (6)

Web Address:

Email: repowers@venable.com <<mailto:repowers@venable.com>>

subject=RE:%20Request%20for%20a%20Meeting%20with%20Chairman%20Neil%20Chatterjee>

Purpose of Meeting (Detailed Description): Airlines for America (A4A) requests a meeting with Chairman McIntyre to discuss recent developments in the crude oil and product transportation area, including a review of jet fuel distribution and logistics in the United States. A4A recently issued a white paper on the transportation of jet fuel from refineries to airports, appealing to the Federal Energy Regulatory Commission to increase the transparency of pipeline data submissions and strengthen oversight to prevent over-recoveries and excessive returns. Such regulatory reforms are a critical step to ensure that interstate pipelines carrying gasoline, diesel, heating oil, jet fuel and other products invest in essential infrastructure and boost capacity and efficiency to keep pace with demand.

Is this matter before the Commission? No

Proposed Date for Meeting: February 22, 2018

Alternate Date for Meeting: March 2, 2018

Estimate of the Number of people attending: 5

From: [Tracy Adamsky](#) on behalf of [Kevin McIntyre](#)
To: [Anthony Pugliese](#); [Laura Swett](#); [Carolyn Clarkin](#); [Angela Amos](#); [Nicholas Gladd](#)
Subject: American Forest & Paper Association
Attachments: [May 9, 2018 FERC Meeting Bios.docx](#)

Attendees:

Phil Zirngibl, Director of Energy Supply, Georgia-Pacific LLC., AF&PA Energy Resource Committee Chairman
Tyne Brownlow, Manager of Global Sourcing – Energy, International Paper Company
William George Yawn, Manager of Energy Procurement, Resolute Forest Products
Aaron Stando, Manager of Energy, Georgia-Pacific LLC
Paul M. Tucker, Manager of Enterprise Cost Reduction, International Paper
Rhea Hale, Director of Public Policy, WestRock
Steve Thomas, Energy Contracts Manager, Domtar Paper Company, LLC
Mike Kuhn, Senior Energy Manager, WestRock
Jerry Schwartz, AF&PA Senior Director, Energy & Environmental Policy
Don Sipe, Outside Counsel
Andrea Chambers, DJL Piper, Outside Counsel

Text of Original Request:

Name: Jerry Schwartz

Title: Senior Director, Energy & Environmental Policy

Company / Organization: American Forest & Paper Association

Phone Number: (b) (6)

Web Address: www.afandpa.org <<http://www.afandpa.org>>

Email: jerry_schwartz@afandpa.org <mailto:jerry_schwartz@afandpa.org?subject=RE: Request for a Meeting with Chairman Neil Chatterjee>

Purpose of Meeting (Detailed Description): I would like to request a meeting with the Chairman on behalf of the American Forest & Paper Association (AF&PA) and members of its Energy Resource Committee members. Those members are responsible for energy policy and/or energy procurement on behalf of their companies; they will be flying to Washington for meetings on April 26 day and hope to meet with the Chairman and several of the Commissioners. The purpose of the meetings is to introduce the industry, its energy profile, and to discuss some of our critical issues. AF&PA serves to advance a sustainable U.S. pulp, paper, packaging, and wood products manufacturing industry through fact-based public policy and marketplace advocacy. AF&PA member are committed to continuous improvement through the industry's sustainability initiative - Better Practices, Better Planet 2020. The forest products industry accounts for approximately 4 percent of the total U.S. manufacturing GDP, manufactures approximately \$200 billion in products annually, and employs nearly 900,000 men and women. The forest products industry produces and uses renewable energy for manufacturing operations and is a significant contributor to our country's existing base of renewable energy. On average, approximately 66 percent of the energy used at AF&PA member pulp and paper mill is generated from carbon-neutral biomass. Nonetheless, we are an energy-intensive industry. Specifically, energy is our third highest manufacturing cost, and it can have a significant impact on our overall competitiveness. We have been active with the Commission on a number of issues over the years, including demand response, state energy policies and wholesale markets, and the recent order on resilience and reliability. Our approach is to bring solutions for the Commissioners' consideration, along with highlighting critical issues. We have had representatives on several panels at Commission technical conferences. We look forward to hearing from the Commissioner's office and scheduling the meeting.

Is this matter before the Commission? No

Proposed Date for Meeting: April 26, 2018

Alternate Date for Meeting: April 25, 2018

Estimate of the Number of people attending: 7-10

From: [Jim Robb](#)
To: [Kevin McIntyre](#)
Cc: [Anthony Pugliese](#); [Janet Sena](#)
Subject: Banff Meetings
Date: Sunday, May 20, 2018 1:00:12 PM

Mr. Chairman,

I see you will be at the RTO Council/IRC meetings this week in Banff, as will I. I'm sure you are already booked up, but I wanted to see if you would be interested in catching a few private minutes together to follow up the conversation we had at the WFER. I certainly have a much fuller understanding of NERC and its programs, especially those in the Cyber area, to have a more fulsome discussion than I was in Cancun.

I will be driving to Banff from Calgary on Wednesday morning and back to Calgary Thursday evening. I am speaking at 2:45 on Wednesday and plan to attend the CEO meeting at noon on Thursday. Otherwise, I can conform my schedule to any availability you might have.

And of course, if this doesn't work, I'll find an opportunity to get on your schedule at a convenient time this summer.

Janet, could you follow up with the Chairman's Office on Monday and see what might be possible? Thanks!

Best,

Jim

Jim Robb
President and Chief Executive Officer
North American Electric Reliability Corporation
404-446-9601 office | (b) (6) cell
jim.rob@nerc.net

(b) (6) (Tina Buzzard)

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From: [Tracy Adamsky](#) on behalf of [Kevin McIntyre](#)
To: [Anthony Pugliese](#); [Laura Swett](#); [Nicholas Gladd](#); [Carolyn Clarkin](#); [Angela Amos](#)
Subject: Consumer Advocates of PJM States (CAPS)

Text of Original Request:

Cameron,

I would greatly appreciate the opportunity to bring representatives from nearly all of the consumer advocate offices in the Mid-Atlantic region (PJM) to have a dialogue with the Commissioners of the Federal Energy Regulatory Commission (Commission) and their staff. Representatives from the various consumer advocate offices of the PJM states will be coming together from May 14-16 for the PJM Annual meeting and meetings for CAPS (Consumer Advocates of the PJM States, Inc.) at the Gaylord hotel in National Park, Maryland. I expect approximately 20 members of CAPS from 14 different offices to attend the PJM Annual meeting. We are extremely excited by the level of participation by the advocate offices.

On Tuesday, May 15 from Noon -5 PM, PJM staff and PJM stakeholders will be participating in sponsored leisure activities. However, the advocates (and other interested members of the public interest and environmental groups) forgo these activities and typically use this time for educational purposes. We would love the opportunity to engage members of the Commission during this time period – Tuesday, May 15 from 1 to 4 PM.

Recently, I polled the advocates on how we should spend our time together on Tuesday afternoon. There was overwhelming support for investigating the potential for some time with the Commissioners and Commission staff. Everyone agreed meeting with representatives of the Commission was the most effective use of our time while so close to Washington, D.C. In December, seven members of the CAPS executive team met with Commissioners LaFleur, Powelson, Glick, their advisors (including Commissioner Chatterjee's advisors) and Commission Staff. The group came away extremely impressed and appreciative. The dialogue was very informative.

We recognize the time of the Commissioners is very valuable. We see this as an opportunity to engage a significant amount of new advocate faces into the discussion. There are so many pressing matters impacting consumers at this very moment and it is helpful for the advocates to receive different perspectives on the pressing matters of our region. Some of the topics we would like to engage the Commission on include:

* Any topics that the Commission would like to address with the advocates. First, and foremost, we would like to make sure that we are available to provide our perspective on matters they may help the Commission.

* Resilience: The advocate offices are concerned that members of the energy community are putting the cart before the horse. The term "resilience" regularly gets cited to validate the need for immediate action and increased costs. Generation and transmission resources should work in tandem to meet resilience objectives while being mindful of customer costs. The consumer advocates are concerned that the term resilience is not clearly defined (yet) and that clear metrics have not been established.

* PJM's energy market: PJM is proposing "enhancements" to the wholesale energy market that will provide, in part, further price transparency and incent the development of new flexible resource technologies. Yet, these proposed changes will come at a significant cost to customers. The consumer advocates are looking to have a dialogue about the costs consumers will be expected to pay when the dust settles without comparable significant benefits.

I was hoping that I could set-up some meetings for 15-20 consumer advocates on Tuesday, May 15 between 1 and 4 PM at FERC or at the Gaylord.

As of right now, I anticipate the following attendees (*we will have the head of office or the second in charge for seven of the fourteen offices):

- * Delaware Division of the Public Advocate
- o *Ruth Ann Price, CAPS Vice President (Deputy Director)
- * D.C. Office of the People's Counsel
- o Erik Heinle, (Assistant People's Counsel)
- * Office of the Illinois Attorney General's Office, Public Utilities Bureau
- o Jacques Erffmeyer (Assistant Attorney General)
- * Illinois Citizens Utility Board
- o *Dave Kolata (Executive Director)
- o Kristin Munsch, CAPS President (Deputy Director)
- * Indiana Office of Utility Consumer Counselor
- o *Robb Mork (Deputy Consumer Counselor)
- o Mike Gahimer (Sr. Utility Analyst)
- * Kentucky Office of Rate Intervention
- o Justin McNeil (Assistant Attorney General)
- * Maryland Office of People's Counsel
- o Bill Fields, CAPS Secretary (Sr. Assistant People's Counsel)
- * New Jersey Division of Rate Counsel
- o Brian Lipman (Litigation Manager)
- * North Carolina Public Staff – North Carolina Utilities Comm.
- o *Chris Ayers (Executive Director)
- o Lucy Edmondson (Staff Attorney)
- * Ohio Office of the Ohio Consumers' Counsel
- o Dan Shields (Director of Analytics)
- o Kevin Moore (Assistant Consumers' Counsel)
- * Pennsylvania Office of the Consumer Advocate
- o Dave Evrard (Assistant Consumer Advocate)
- * Tennessee Office of the Tennessee Attorney General - Consumer Advocate & Protection Division
- o *Cynthia Kinser (Deputy Attorney General/Chief)
- * Virginia Office of the Attorney General – Insurance & Utilities Reg. Section
- o *Meade Browder, CAPS Treasurer (Sr. Assistant Attorney General/Chief)
- * West Virginia Consumer Advocate Division
- o *Jackie Roberts (Director)
- * Greg Poulos, CAPS Executive Director

As always, Thank you for any help you can provide.

Greg Poulos, Executive Director
Consumer Advocates of PJM States (CAPS)
P.O. Box # 29492
Columbus, Ohio
Mobile: (b) (6)

From: [MARKINA Irina \(EEAS-WASHINGTON\)](#)
To: [Anthony Pugliese](#)
Cc: [VAREILLE Fabrice \(EEAS-WASHINGTON\)](#)
Subject: Europe day follow-up
Date: Friday, May 11, 2018 1:07:00 PM
Attachments: [image002.png](#)
[image003.png](#)
[image004.png](#)

Dear Anthony,

Further to my email below, please note two more relevant events for the FERC, the **Electricity Regulatory Forum in Florence may be particularly relevant for Chairman McIntyre.**

- 1) **The Electricity Regulatory Forum (Florence Forum) 30 – 31 May.** – The Forum was set up to discuss the creation of the internal electricity market. It is currently addressing cross-border trade of electricity, in particular the tarification of cross-border electricity exchanges and the management of scarce interconnection capacity. Participants include national regulatory authorities, Member State governments, the European Commission, TSOs, electricity traders, consumers, network users, and power exchanges. Since 1998 the Forum has met once or twice a year. High level EU officials, who have in the past engaged with the FERC will be present at this event. The agenda looks very interesting, including an update on the EU's electricity market design, implementation of network codes (i.e. common market rules). In addition to the European Commission DG ENERGY, European energy regulators – ACER/CEER and ENTSO-E will attend the meeting. Agenda here - https://ec.europa.eu/info/sites/info/files/ff_agenda_may2018v5.pdf

N.B. At this time this event does not seem include non-European participants and an inquiry would have to be made to see if a slot for international participants could be carved out.

- 2) **The annual Energy Infrastructure Forum May 24-25** in Denmark, Representatives of the EU institutions, transmission system operators, project promoters, regulators, energy companies, NGOs and civil society and the financing community meet to discuss the challenges of developing Europe's energy [infrastructure](#) and building an internal energy market. Forum will also host the Renewables Grid Initiative Award ceremony. Agenda here - <http://www.energy-infrastructure-forum.com/events.html>

Please let me know should you decide to attend.

Best wishes,
Irina

From: MARKINA Irina (EEAS-WASHINGTON)
Sent: Friday, May 11, 2018 12:43 PM
To: 'Anthony Pugliese'
Cc: VAREILLE Fabrice (EEAS-WASHINGTON)
Subject: RE: Europe Day

Dear Anthony,

Thank you for your question. In the immediate future we will have international and Europe-wide events mostly focusing on the clean energy technologies, including aspects of power markets.

- Clean Energy Ministerial will take place in Denmark/ Sweden on 23-25 May with significant high level presence from the EU. While on the US side, US Deputy Energy Secretary Brouillette will lead the US delegation, and two new initiatives will be

established on CCUS and nuclear innovation as a part of the Ministerial. But there are also big parts of the agenda devoted to power systems flexibility; acceleration of distributed generation, etc.

- On 4-8 June in Brussels, Belgium we will have a Sustainable energy week agenda here - > <https://www.eusew.eu/policy-conference-2018>

I will make an inquiry to the HQ regarding additional events that would be more of interested to the FERC. I will get back to you shortly.

Best wishes,

Irina

Irina Markina
Senior Energy Adviser

Delegation of the European Union to the United States of America

Phone: +1 202 862 9572
Mobile: +1 (b) (6)
Office: 2175 K ST NW, Washington, DC 20037, USA
Email address: Irina.Markina@eeas.europa.eu



From: Anthony Pugliese [mailto:Anthony.Pugliese@ferc.gov]
Sent: Thursday, May 10, 2018 4:43 PM
To: MARKINA Irina (EEAS-WASHINGTON)
Subject: RE: Europe Day

Thanks Irina,
Great meeting you as well! I know the Chairman and I would welcome the opportunity to develop and/or strengthen relationships with our European friends. Are there any noteworthy events coming up?

From: MARKINA Irina (EEAS-WASHINGTON)
[mailto:Irina.MARKINA@eeas.europa.eu]
Sent: Thursday, May 10, 2018 10:55 AM
To: Anthony Pugliese <Anthony.Pugliese@ferc.gov>
Subject: Europe Day

Dear Anthony,

It was a pleasure meeting you yesterday at the EU Ambassador's residence.

I hope you enjoyed the evening as much as we did.

I want to reiterate our invitation for Mr. McIntyre to visit Brussels for meetings with European counterparts. This would be a great opportunity to advance our cooperation.

Please do not hesitate to get in touch if you need any contacts in Europe, or with EU member states.

Best wishes,

Irina

Irina Markina

Senior Energy Adviser

Delegation of the European Union to the United States of America

Phone: +1 202 862 9572

Mobile: (b) (6)

Office: 2175 K ST NW, Washington, DC 20037, USA

Email address: Irina.Markina@eeas.europa.eu



From: [Joseph McClelland](#)
To: [Anthony Pugliese](#)
Subject: FW: Dynamic Resilience - Insight Workshop 15 May
Date: Friday, May 4, 2018 9:51:46 AM

Are you available for an early London trip?

From: Mendonca, Pat - Washington, DC [mailto:pat.mendonca@usps.gov]
Sent: Thursday, May 03, 2018 11:18 AM
To: Joseph McClelland <Joseph.McClelland@ferc.gov>
Cc: William.Murtagh@noaa.gov; Nathan Rodgers (rodgersnw@state.gov) <rodgersnw@state.gov>; godwinka@state.gov; McClung, Flori B - Washington, DC <flori.mcclung@usps.gov>
Subject: Dynamic Resilience - Insight Workshop 15 May

Greetings Joe:

My name is Patrick Mendonca. I use to chair the civil communications group of civil experts at NATO and still participate as an expert. I received an inquiry from Andrew Wright, the civil communications staff officer at NATO, regarding participation in a panel discussion that the World Energy Council is conducting in London on May 15 regarding resilience in the energy sector. Bill Murtagh's name came up however he thought you would be a better fit understanding that it would be extremely difficult to make arrangements at this point given the short notice.

If you think you might be interested I could put you in contact with Mr. Wright (wright.andrew@hq.nato.int) or Mr. Young (young@worldenergy.org).

Thank you and best regards,

Patrick Mendonca

Would either of you or another NATO expert would be interested in participating on a panel discussion under Chatham House rules discussing resilience in relation to space weather or cyber security?

The World Energy Council is currently finalising the event but it will on the afternoon of 15 May at Swiss Re's London offices (otherwise known as the Gherkin). It will be at a high-level exclusive event for global energy leaders with participation by invitation only to the Council's Patron and Global Partner CEOs, Member Committees and selected high-level guests. The planned agenda has two items, the first on Innovation Uncertainties and the second on Dynamic Resilience with the interactive sessions under the Chatham House Rule. After a brief introduction by an experienced moderator, discussion leaders present their perspectives and insights and engage in dialogue with all participants of the workshop.

The Dynamic Resilience panel discussion will explore how energy leaders and their organisations are learning to cope with emerging and systemic risks and identify the different mitigation strategies using the following two questions:

1. What are spectacular examples of how energy companies and systems have been impacted by increasing water stress, extreme weather and cyber threats?
2. What are the new capabilities and options emerging in the search for dynamic resilience in a more volatile and connected world of energy?

Please let me know if this might be possible and if you want further details.

From: Bill Murtagh [<mailto:william.murtagh@noaa.gov>]

Sent: Thursday, May 3, 2018 10:21 AM

To: Mendonca, Pat - Washington, DC <pat.mendonca@usps.gov>

Cc: Nathan Rodgers (rodgersnw@state.gov) <rodgersnw@state.gov>; McClung, Flori B - Washington, DC <flori.mcclung@usps.gov>; godwinka@state.gov

Subject: Re: Dynamic Resilience - Insight Workshop 15 May

Hi Pat,

Good to hear from you.

I think you might be better off with someone like Joe McClelland of FERC for this. Joe can speak more broadly to resilience issues across all threats, so his contributions would far surpass mine on this panel. Very short notice though so not sure we could get someone at this point.

Bill

Sent from my iPhone

On May 3, 2018, at 9:59 AM, Mendonca, Pat - Washington, DC <pat.mendonca@usps.gov> wrote:

Bill:

Greetings, I hope this email finds you well.

Please see below a request that was received by Andrew Wright, the Civil Communications staff at NATO who formalized our Space Weather report.

Would you have any interest in participating in the World Energy Council event?

I think Andrew correctly raised the space weather issue as an event to plan for in the energy sector.

Thank you and best regards!

Pat

From: Wright Andrew [<mailto:wright.andrew@hq.nato.int>]
Sent: Thursday, May 3, 2018 9:37 AM
To: Martin Young <young@worldenergy.org>
Cc: Mendonca, Pat - Washington, DC <pat.mendonca@usps.gov>; Cook, Timothy <Timothy.Cook@HQ.DHS.GOV>; godwinka@state.gov; McClung, Flori B - Washington, DC <flori.mcclung@usps.gov>
Subject: RE: Dynamic Resilience - Insight Workshop 15 May

Hi Martin,

I will forward this to two US colleagues Tim Cook and Pat Mendonca. They led our NATO effort on space weather. The truth is am far from an expert in this area. Have you reached out to Bill Murtagh ? He is the White Office's senior person on space weather.

I will also speak to Eero – he may have some additional ideas. The two questions seem to go beyond space weather per se – i.e. cover climate change and, as you indicate, cyber.

Best,

A

From: Martin Young [<mailto:young@worldenergy.org>]
Sent: Thursday, 03 May, 2018 15:25
To: Wright Andrew <wright.andrew@hq.nato.int>; Kytomaa Eero <kytomaa.eero@hq.nato.int>
Subject: Dynamic Resilience - Insight Workshop 15 May

Hi Andrew / Eero,

Would either of you or another NATO expert would be interested in participating on a panel discussion under Chatham House rules discussing resilience in relation to space weather or cyber security?

The World Energy Council is currently finalising the event but it will on the afternoon of 15 May at Swiss Re's London offices (otherwise known as the Gherkin). It will be at a high-level exclusive event for global energy leaders with participation by invitation only to the Council's Patron and Global Partner CEOs, Member Committees and selected high-level guests. The planned agenda has two items, the first on Innovation Uncertainties and the second on Dynamic Resilience with the interactive sessions under the Chatham House Rule. After a brief introduction by an experienced moderator, discussion leaders present their perspectives and insights and engage in dialogue with all participants of the workshop.

The Dynamic Resilience panel discussion will explore how energy leaders and their organisations are learning to cope with emerging and systemic risks and identify the different mitigation strategies using the following two questions:

1. What are spectacular examples of how energy companies and systems have been impacted by increasing water stress, extreme weather and cyber threats?
2. What are the new capabilities and options emerging in the search for dynamic resilience in a more volatile and connected world of energy?

Please let me know if this might be possible and if you want further details.

Best regards,

Martin

Martin Young
Director, Policy and Risk

— D (+44) 20 7734 599 |
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F (+44) 20 7734 5926
E young@worldenergy.org

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From: [Travis Fisher](#)
To: [Anthony Pugliese](#); [Angela Amos](#); [Nicholas Gladd](#); [Carolyn Clarkin](#); [Laura Swett](#); [Martin Kirkwood](#)
Subject: FW: Meeting with the Canadian Electricity Association
Date: Friday, May 18, 2018 1:37:45 PM
Attachments: [image001.png](#)

FYI. Would anyone like to join?

From: Shaw, Andrew [mailto:andrew.shaw@dentons.com]
Sent: Wednesday, May 16, 2018 11:26 AM
To: Travis Fisher <Travis.Fisher@ferc.gov>
Subject: RE: Meeting with the Canadian Electricity Association

Travis -

Thanks for your time in meeting with the Canadian Electricity Association. We are looking forward to meeting with the Commissioner's staff next Wednesday, May 23, at 4:15 pm. Below is a list of individuals attending the meeting.

Member Delegates		
David Cormie <i>Vice Chair</i>	Director, Wholesale Power and Operations	Manitoba Hydro
Richard Gell	Senior Manager - Origination	Ontario Power Generation
Greg Jones <i>Chair</i>	General Manager, Energy Marketing	Nalcor
Dean Jones	Manager, Electricity Trading	NorthPoint Energy Solutions
Mike MacDougall	Director, Trade Policy	Powerex
Rick McGivney	Director, Origination	New Brunswick Energy Marketing
Canadian Electricity Association		
Devin McCarthy	VP Public Affairs and U.S. Policy	Canadian Electricity Association
Leah Michalopoulos	Advisor, U.S. Affairs	Canadian Electricity Association
CEA U.S. Counsel		
Andrew Shaw	Senior Managing Associate	Dentons

Also, the group is interested in discussing the following issues:

- Regional electricity market proposals
- Price formation
- Resilience
- Storage and distributed energy resources participation in markets
- FERC priorities

Please let me know if you have any questions.

Thanks,

Andrew



Andrew Shaw

Senior Managing Associate

D (b) (6) | US Internal 47116

andrew.shaw@dentons.com

[Bio](#) | [Website](#)

Dentons US LLP

Maclay Murray & Spens > Gallo Barrios Pickmann > Muñoz > Cardenas & Cardenas > Lopez Velarde > Rodyk > Boekel > OPF Partners > 大成 > McKenna Long

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From: Travis Fisher [<mailto:Travis.Fisher@ferc.gov>]

Sent: Monday, May 14, 2018 11:28 AM

To: Shaw, Andrew

Subject: Re: Meeting with the Canadian Electricity Association

Hi Andrew. I think 4pm would work as long as you give me a small grace period to start. We could also just say 4:15 to play it safe (I have a meeting from 3 to 4 that I expect to go long).

On May 14, 2018, at 9:58 AM, Shaw, Andrew <andrew.shaw@dentons.com> wrote:

Travis -

Is there any way that you could meet at 4 pm on May 23rd? If not, no worries - 1:15 pm will also work.

Thanks,

Andrew

<image001.png>

Andrew Shaw

Senior Managing Associate

D (b) (6) | US Internal 47116

andrew.shaw@dentons.com

[Bio](#) | [Website](#)

Dentons US LLP

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From: Travis Fisher [<mailto:Travis.Fisher@ferc.gov>]
Sent: Wednesday, May 09, 2018 5:36 PM
To: Shaw, Andrew
Subject: RE: Meeting with the Canadian Electricity Association

...and by perfect I mean that time works for May 23rd. A colleague just pointed out that you may or may not have access to a time machine...

From: Shaw, Andrew [<mailto:andrew.shaw@dentons.com>]
Sent: Wednesday, May 09, 2018 3:30 PM
To: Travis Fisher <Travis.Fisher@ferc.gov>
Subject: RE: Meeting with the Canadian Electricity Association

Thanks Travis. How about 1:15 pm on Wednesday, March 23?

<image001.png>

Andrew Shaw
Senior Managing Associate

D + (b) (6) | US Internal 47116
andrew.shaw@dentons.com
[Bio](#) | [Website](#)

Dentons US LLP

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From: Travis Fisher [<mailto:Travis.Fisher@ferc.gov>]
Sent: Wednesday, May 09, 2018 2:52 PM
To: Shaw, Andrew
Subject: RE: Meeting with the Canadian Electricity Association

Thanks so much, Andrew. I'd be happy to meet with them. Do you know what topics they'll want to discuss? Based on their interests I may be able to pull in some other folks to join us. Let me know.

As far as specific times, I'm free 1-3pm and after 4pm that day. Are you ok with coming to FERC HQ?

From: Shaw, Andrew [<mailto:andrew.shaw@dentons.com>]
Sent: Tuesday, May 08, 2018 2:12 PM
To: Travis Fisher <Travis.Fisher@ferc.gov>

Cc: Travis Fisher <travis.scott.fisher@gmail.com>
Subject: FW: Meeting with the Canadian Electricity Association

Hey Travis -

Hope things are well on your end. I thought I would circle back and see if you might have some time available on the afternoon of Wednesday, May 23, to meet with a delegation from the Canadian Electricity Association. Many of CEA's members participate in FERC-regulated markets.

I know you are busy but the group would love to meet with you if you have some openings.

Thanks!

Andrew

<image001.png>

Andrew Shaw
Senior Managing Associate

D (b) (6) | US Internal 47116
andrew.shaw@dentons.com
[Bio](#) | [Website](#)

Dentons US LLP

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From: Shaw, Andrew
Sent: Wednesday, May 02, 2018 10:37 PM
To: 'travis.fisher@ferc.gov'
Subject: Meeting with the Canadian Electricity Association

Travis -

Congrats on your new position! It was nice catching up over coffee earlier this year and I hope things are going well on your end.

As you might recall, Dentons is the US counsel to the Canadian Electricity Association, which represents the generation, transmission, distribution and marketing segments of the Canadian electricity sector. Many of CEA's members participate in FERC-regulated markets.

Later this month, a CEA delegation will be visiting Washington, D.C. and I wanted to see if you might be willing to meet with the group. We have some time available on the afternoon of Wednesday, May 23. If that doesn't work, we may also have some availability on the morning of Thursday, May 24.

Please let me know if you have any questions.

Thanks and look forward to catching up.

Andrew

<image001.png>

Andrew Shaw

Senior Managing Associate

D + (b) (6) | US Internal 47116

andrew.shaw@dentons.com

[Bio](#) | [Website](#)

Dentons US LLP

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From: (b) (6)
To: [Anthony Pugliese](#)
Cc: [Tracy Adamsky](#); [Joseph McClelland](#)
Subject: FW: Registration Reminder: EIS Summit IX London
Date: Wednesday, May 9, 2018 12:26:11 PM

FYI Anthony, ready to make hotel reservations.

From: Kelly Cullinane [mailto:kelly.cullinane@eiscouncil.org]
Sent: Wednesday, May 09, 2018 12:14 PM
To: (b) (6)
Subject: Re: Registration Reminder: EIS Summit IX London

Done. I used Tracy's email.

On Wed, May 9, 2018 at 10:18 AM, (b) (6) > wrote:

Thanks Kelly! Will you please let me know when this is done?

From: Kelly Cullinane [mailto:kelly.cullinane@eiscouncil.org]
Sent: Wednesday, May 09, 2018 9:43 AM
To: (b) (6)
Cc: Chris Beck <chris.beck@eiscouncil.org>

Subject: Re: Registration Reminder: EIS Summit IX London

No problem. I will take care of it now.

On Wed, May 9, 2018 at 9:40 AM, (b) (6) > wrote:

That would be much appreciated! Thank you both!

(b) (6)

From: Chris Beck [mailto:chris.beck@eiscouncil.org]
Sent: Wednesday, May 09, 2018 9:33 AM
To: Kelly Cullinane <kelly.cullinane@eiscouncil.org>
Cc: (b) (6)

Subject: Re: Registration Reminder: EIS Summit IX London

Kelly, since Anthony will be speaking (along with Joe), can you please register him? His email is: anthony.pugliese@ferc.gov and his assistant's is: tracy.adamsky@ferc.gov

Thank you!
Chris

Chris Beck
Electric Infrastructure Security Council
p: 202-248-5025
f: 202-289-6539
e: chris.beck@eiscouncil.org

On Wed, May 9, 2018 at 9:29 AM, Kelly Cullinane <kelly.cullinane@eiscouncil.org> wrote:

No, Anthony has not registered for the Summit.

On Wed, May 9, 2018 at 9:21 AM, Chris Beck <chris.beck@eiscouncil.org> wrote:

Hi Kelly,

(b) is asking whether Anthony Pugliese is registered for the Summit. I believe so, but wanted to double-check with you. Can you please check and let (b) know?

Thanks,
Chris

Chris Beck
Electric Infrastructure Security Council
p: 202-248-5025
f: 202-289-6539
e: chris.beck@eiscouncil.org

On Wed, May 9, 2018 at 7:24 AM, (b) (6) > wrote:

Hi Chris,

Can you tell me whether Anthony registered already for the London summit? He doesn't seem to know.

Thanks!

(b)

From: Tracy Adamsky

Sent: Wednesday, May 09, 2018 6:42 AM

To: Joseph McClelland <Joseph.McClelland@ferc.gov>; (b) (6) >

Cc: Anthony Pugliese <Anthony.Pugliese@ferc.gov>

Subject: Re: Registration Reminder: EIS Summit IX London

I did not register Anthony but Chris Beck called me a couple weeks ago and made it sound like Anthony was already registered.

From: Joseph McClelland

Sent: Wednesday, May 9, 2018 6:36:16 AM

To: (b) (6)

Cc: Anthony Pugliese; Tracy Adamsky

Subject: RE: Registration Reminder: EIS Summit IX London

Thanks (b) (6)

Anthony and Tracy,

Do you need any assistance on this?

Thanks,

Joe

From: (b) (6)
Sent: Tuesday, May 08, 2018 2:37 PM
To: Joseph McClelland <Joseph.McClelland@ferc.gov>
Cc: Anthony Pugliese <Anthony.Pugliese@ferc.gov>; Tracy Adamsky <Tracy.Adamsky@ferc.gov>
Subject: RE: Registration Reminder: EIS Summit IX London

Hi Joe,

No, I didn't register Anthony just you. I assumed Tracy would do this for him b/c the link to register will automatically take you to the hotel accommodations and credit card information.

Thanks,

(b) (6)

From: Joseph McClelland
Sent: Tuesday, May 08, 2018 12:57 PM
To: (b) (6)
Cc: Anthony Pugliese <Anthony.Pugliese@ferc.gov>; Tracy Adamsky <Tracy.Adamsky@ferc.gov>
Subject: RE: Registration Reminder: EIS Summit IX London

Hi (b) (6)

Did you register Anthony for this conference or just me?

Thanks,

Joe

From: Anthony Pugliese
Sent: Tuesday, May 08, 2018 12:45 PM
To: Joseph McClelland <Joseph.McClelland@ferc.gov>
Cc: Tracy Adamsky <Tracy.Adamsky@ferc.gov>
Subject: FW: Registration Reminder: EIS Summit IX London

Joe did you all register me for this or does this still need to happen?

From: EIS Council [<mailto:coordinator@eissummit.com>]

Sent: Tuesday, May 01, 2018 2:44 PM

To: Anthony Pugliese <Anthony.Pugliese@ferc.gov>

Subject: Registration Reminder: EIS Summit IX London



Congress of the United States



Electric Infrastructure Security Summit IX, London

The ninth annual world summit on infrastructure security

The Houses of Parliament and in Westminster, June 25-26, 2018

“Working Together to Secure Our World:

Building Multi-Sector, International, Resilience to Extreme Hazards.”



Dear Mr. Pugliese,

We wish to invite you to attend the ninth annual Electric Infrastructure Security Summit we are co-chairing, taking place June 25-26, 2018 at the Houses of Parliament and in Westminster, London.

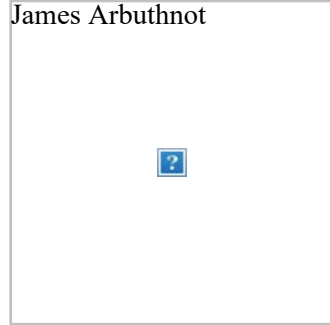
At EISS IX government and industry leaders and scientists from the United States, the United Kingdom, Israel and many other nations will review critical infrastructure security concerns, exploring best-in-class approaches, worldwide, to build coordinated resilience to extreme, "Black Sky" hazards that could fracture our interconnected world. This year, cascading risks associated with manmade threats will be a particular focus of the Summit. Supported by internationally respected experts, facilitated presentations and discussions will open new opportunities to share best practices and resilience initiatives, and build common understanding spanning many critical sectors and nations.

Summit delegates at this invitation-only event represent a global mix drawn from government, industry, academia, and NGO leadership. Speakers at previous summits have included United Kingdom Secretaries of State for Defence, the United States Secretary of Energy, the Chairman of the Federal Energy Regulatory Commission, and U.S. Assistant Secretaries of Defense, Homeland Security, and Energy. This year the agenda for both the Summit Plenary on Day One and the EPRO SECTOR Executive Committee on Day Two will provide extensive opportunities for facilitated, action-oriented discussion focused on Summit themes.

We would be honored if you would join us at EISS Summit IX, and look forward to hearing from you. Please contact our Summit Coordinator at coordinator@eissummit.com, or call one of our offices with questions.

This invitation is non-transferrable. However, if you would like to bring a colleague, please contact the Summit Coordinator.

James Arbuthnot



The Rt. Hon.

The Lord Arbuthnot of Edrom

Member of the House of Lords

EISS Organizing Co-Chair
Chair London: 020 76920806

Toby Harris



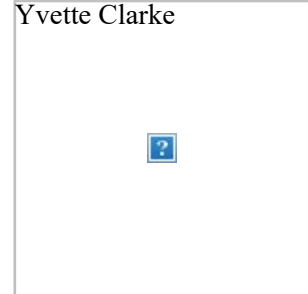
The Lord Harris of Haringey

Member of the House of Lords

EISS Organizing Co-Chair

London: 020 34329891

Yvette Clarke



Hon. Yvette D. Clarke

Member of Congress

EISS Organizing Co-Chair

Washington D.C.: 202-225-6231

To register online please use the button below:

[Register Here](#)

EIS Council | [840 1st St, NE, 3rd floor, Washington, DC 20002](#)

[Unsubscribe](#) anthony.pugliese@ferc.gov

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Sent by coordinator@eissummit.com

--

Kelly Cullinane
Director of Communications
Electric Infrastructure Security Council
O: 202- 248-502 |
[REDACTED]

--

Kelly Cullinane
Director of Communications
Electric Infrastructure Security Council
O: 202- 248-5025
(b) (6) [REDACTED]

--

Kelly Cullinane
Director of Communications
Electric Infrastructure Security Council
O: 202- 248-5025
C: 903-241-6063

From: [Paul Suskie](#)
To: [Kevin McIntyre](#); [Michelle R. Brown](#); [Tracy Adamsky](#)
Cc: [Anna Cochrane](#); [David Ortiz](#); [James Danly](#); [David Morenoff](#); [Anthony Pugliese](#); [Nicholas Gladd](#); [Angela Amos](#); [Carolyn Clarkin](#); [Laura Swett](#)
Subject: Meeting Request
Date: Thursday, May 3, 2018 12:33:50 PM
Attachments: [20180502 Letter to Chairman McIntyre Requesting Meeting.pdf](#)

Good Afternoon!

Attached please find a letter to Chairman Kevin McIntyre requesting an informal meeting with the appropriate FERC Staff to discuss a series of significant electric reliability challenges the South Central part of the United States faced on January 17, 2018.

Per Laura Swett's advice, I am including possible dates to help find a time to schedule the meeting. The signed parties to the attached letter have representatives who are available to meet at FERC's offices in Washington on May 11th, May 15th, and May 18th.

If you have any questions, please feel free to let me know.

Paul

Paul Suskie
Executive Vice President & General Counsel
Southwest Power Pool
201 Worthen Drive
Little Rock, AR 72223-4936
psuskie@spp.org (Email)
501.688.2535 (Office)
(b) (6) (Cell)
501.482.2022 (Fax)

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From: [Stephanie Grumet](#)
To: [Anthony Pugliese](#)
Cc: [Eric Scheriff](#)
Subject: more questions for more FERC Commissioners!
Date: Wednesday, May 9, 2018 8:22:32 AM

Hi Anthony,

Hope all is well and you are enjoying your work with Chairman McIntyre and the full suite of five FERC Commissioners. We are hoping to bring our institutional investor clients back for another round of conversations. Our focus would be to hear first-hand what Commissioners are saying publicly about the suite of issues that will be rippling through the wholesale markets including: PJM's capacity proposal, energy price formation ideas, resilience proceedings and changes to tariffs under Order 841 for energy storage. Because we work for investors and we have strict compliance obligations, our questions will focus on process and information that is already in the public domain.

We are hoping for meetings at the end of May or early June. My colleague Adina Greenidge has already contacted the Chairman's office through official channels but I thought I would ping you in hopes that the Chairman (or you) might have 20-30 minutes of time for us.

Thank you so much for considering this request – I know you are insanely busy!
Stephanie



Stephanie Grumet, Senior Advisor

Capstone LLC | 1400 Eye Street Northwest | Washington, DC

D: (b) (6)

E: sgrumet@capstonedc.com | www.capstonedc.com

From: [Fritz Hirst](#)
To: [Anthony Pugliese](#); [Laura Swett](#)
Subject: NERC Alert - Loss of Solar Resources During Transmission Disturbances Due to Inverter Settings - II
Date: Tuesday, May 1, 2018 6:00:42 PM
Attachments: [NERC Alert Loss of Solar Resources during Transmission Disturbance - II 2018.pdf](#)

Anthony, Laura- Today NERC issued a Level 2 Alert to industry concerning loss of solar resources during transmission disturbances due to inverter settings. The alert requires industry to respond for more data collection and recommends mitigating actions to address voltage-related tripping, improvements in dynamic modeling and mitigation of momentary cessation. These recommendations are intended to apply to all solar photovoltaic resources connected to the bulk power system. The Alert was developed with input from OER staff and industry stakeholders. It is the third Alert issued over the past year on inverter issues.

As you may know, NERC formed the [Inverter-Based Resource Performance Task Force](#) to develop guidelines and recommended practices for inverter-based resources connected to the bulk power system. The task force recently completed the initial draft of the *Reliability Guideline: BPS-Connected Inverter-Based Resource Performance*, which will be released for industry comment soon and is expected to be published by September 2018.

Tomorrow, NERC will post a formal announcement about today's Alert which will also outline our continuing work in this area. Thank you, and please let me know of any questions. -Fritz

Fritz Hirst
Director of Legislative & Regulatory Affairs
North American Electric Reliability Corporation
1325 G Street NW, Suite 600
Washington, DC 20005
202-644-8064 office | (b) (6) cell
fritz.hirst@nerc.net
Reliability | Accountability

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From: [Glazer, Craig](#)
To: [Jorge Moncayo](#); [Adriane Bowman](#); [Andrea Spring](#); [Andrew Holleman](#); [Andrew Weinstein](#); [Angela Amos](#); [Anna Cochrane](#); [Anthony Pugliese](#); [April Ballou](#); [Arnie Quinn](#); [Becky Robinson](#); [Benjamin Williams](#); (b) (6); [Brett Rendina](#); [Brian George](#); [Cameron Schilling](#); [Carolyn Clarkin](#); [Catherine Giljohann](#); [Cheryl LaFleur](#); [Christy Walsh](#); [Craig Cano](#); [Daniel Nowak](#); [David Andrejcek](#); [David Morenoff](#); [David Ortiz](#); [Elizabeth Salerno](#); [Eric Krall](#); [Eric Vandenberg](#); [Erica Siegmund Hough](#); [Geof Hobday](#); [James Danly](#); [Janel Burdick](#); [Jehmal Hudson](#); (b) (6); [Jessica Cockrell](#); [Jette Gebhart](#); [Jignasa Gadani](#); (b) (6); (b) (6); [Jonathan First](#); [Joseph McClelland](#); (b) (6); [Kevin McIntyre](#); (b) (6); [Kurt Longo](#); [Larry Parkinson](#); [LaShawn Dickens](#); [Laura Swett](#); [Lawrence Greenfield](#); [Leonard Tao](#); (b) (6); [Lindsee Gentry](#); (b) (6); [Martin Kirkwood](#); [Mary O'Driscoll](#); [Matthew Christiansen](#); [Meghan Estenson](#); (b) (6); [Michelle R. Brown](#); [Mindi Sauter](#); (b) (6); [Neil Chatterjee](#); [Nicholas Gladd](#); (b) (6); [Patricia Smith](#); (b) (6); [Rich Glick](#); [Richard O'Neill](#); [Rikardo Hull](#); [Robert F. Powelson](#); [Robert Ross](#); [Roger Mone](#); [Sandra Waldstein](#); [Sarah Crawford](#); [Scott Everngam](#); (b) (6); [Steven Wellner](#); [Tracy Adamsky](#); (b) (6); [Schuhart, Denise](#)
Cc: [Schuhart, Denise](#)
Subject: PJM Report and Press Release re: Capacity Auction Results
Date: Wednesday, May 23, 2018 4:44:48 PM
Attachments: [20180523 RPM Results 2021-2022 News Release.pdf](#)

Thank you all for participating in today's briefing on our capacity market results. I am sending you our press release and more detailed report.

As you review this, please send me additional questions or if a follow up call would be helpful let me and Jorge Moncayo know and we will put that together.

Many thanks.

Craig Glazer
PJM

<http://www.pjm.com/-/media/markets-ops/rpm/rpm-auction-info/2021-2022/2021-2022-base-residual-auction-report.ashx?la=en>

From: [Chris Beck](#)
To: [Anthony Pugliese](#)
Cc: [Joseph McClelland](#); [John Heltzel](#); [Jim Kish](#)
Subject: Possible Idea for the FERC attendees for the Summit
Date: Monday, May 21, 2018 3:33:43 PM

Hi Anthony and Joe,

John Heltzel and I were discussing the agenda for Days 1 and 2 of the Summit this morning, and have the following suggestions/notes:

1. We have added a 15-minute keynote address, currently penciled in for 4:35 - 4:50 pm on Day 1 for Chairman McIntyre, now tentatively titled "Regulatory Approaches to Black Sky Threats" (open for your edits/suggestions on the title)
2. Anthony, we were thinking of rather than having you and Joe do a back-to-back "tag team" on the the first panel of Day 2 "Resilience In the Utility Sectors: Pre-Investment to Black Start: Measuring Progress", we would ask if you would be willing to act as Moderator for that panel. You would give a 5-minute opening statement, and then recognize the the panel who will be Andy Ott of PJM, Richard Fox, Exec VP for Aqua America, and Joe. From our interactions, you have a knack for facilitating conversations. How does that sound? (We will help with some prompting questions if desired) If it doesn't appeal, we'll use another moderator and you and Joe can split time as panelists per the original concept.
3. Joe is also slated to act as a discussion leader later on a breakout session on Day 2: "Leaders and Partner Roles in Protecting Critical Infrastructures"

Let us know how this sounds to you.

Very Best Regards,
Chris

Chris Beck
Electric Infrastructure Security Council
p: (b) (6)
f: 202-289-6539
e: chris.beck@eiscouncil.org

From: [Fritz Hirst](#)
To: [Anthony Pugliese](#)
Subject: Potential Meeting with Mexican Authorities - May 16
Date: Tuesday, May 1, 2018 12:38:52 PM

Hi Anthony- I wanted to give you a heads up that we are working on arranging a meeting with Mexican authorities to discuss mutual collaboration under our MOU supporting reliability in Mexico. Among others, meeting attendees will include the chairman of CRE (the Mexican energy regulator), the director general of CENACE (the electricity system operator), and our CEO Jim Robb. The meeting is not yet confirmed, but we're tentatively looking at May 16 in our DC office. Recognizing the short timeframe, I'm reaching out for your general awareness because if the meeting comes together we would be very pleased to have the chairman join us for an hour or so to discuss North American reliability and security topics. We will also invite DOE to send a representative. I wanted to let you know these details in case this is within the realm of possibility for the chairman. I'll keep you apprised. Thanks. -Fritz

Fritz Hirst
Director of Legislative & Regulatory Affairs
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From: [Gasteiger, Larry](#)
To: [Anthony Pugliese](#)
Subject: RE: available for a meeting May 30?
Date: Tuesday, May 8, 2018 2:32:32 PM

No problem Anthony, thanks for letting me know.

Larry Gasteiger
Chief, Federal Regulatory Policy
PSEG
601 New Jersey Ave., NW, Suite 310
Washington, DC 20001

Office: (202) 408-7581
Email: larry.gasteiger@pseg.com

From: Anthony Pugliese [<mailto:Anthony.Pugliese@ferc.gov>]
Sent: Tuesday, May 08, 2018 12:46 PM
To: Gasteiger, Larry
Subject: [EXTERNAL] RE: available for a meeting May 30?

Email sent from outside of PSEG. Use caution before using links/attachments.

Larry, I checked and unfortunately am out of the office all day at a resilience conference. Next time!!

From: Gasteiger, Larry [<mailto:Larry.Gasteiger@pseg.com>]
Sent: Tuesday, May 01, 2018 7:56 AM
To: Anthony Pugliese <Anthony.Pugliese@ferc.gov>
Subject: available for a meeting May 30?

Hi Anthony, hope you are well. I'm bringing PSEG's General Counsel, Tammy Linde, to FERC for some meetings the afternoon of the May 30 and was wondering if you had any time on your schedule when I could bring her by to meet you. We have one meeting scheduled from 2-2:30 and the afternoon is otherwise open for now. Any chance I could get some time on your calendar that afternoon?

Larry

Larry Gasteiger
Chief, Federal Regulatory Policy
PSEG
601 New Jersey Ave., NW, Suite 310
Washington, DC 20001

Office: (202) 408-7581
Email: larry.gasteiger@pseg.com

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From: [Chris Beck](#)
To: [Anthony Pugliese](#); [Kelly Cullinane](#)
Subject: Re: Chairman McIntyre
Date: Tuesday, May 15, 2018 5:11:48 PM
Attachments: [Outline Draft Summit IX London Rev 2.docx](#)
[CPIC Whitepaper.pdf](#)

Hi Anthony,

At this point I have a rough "topic list" document for the agenda (attached) - I hope to have a real one by early next week with most of the speakers identified.

Besides FERC, from the USG we expect to have Chuck Kosak from DOD, Bob Kolasky and Bill Bryan from DHS, John Vonglis from DOE (as we discussed in our meeting, we are also trying to get Bruce Walker to attend - travel restrictions to date), Steve Clarke from OSTP (but maybe Mike Kratsios if we are successful - I will be following up).

The UK Co-Chairs are Lord Toby Harris and Lord James Arbuthnot. They are working on high-level UK speakers such as the UK Sec of State for Defense, the Deputy Mayor of London, and there will be other high-level speakers from Israel.

One other thing that might be helpful is the Summary report from the previous London Summit in 2016, which is here:

https://www.eiscouncil.org/App_Data/Upload/summitMedia/5cb3e3c3-0f88-4ba6-9465-a45e3f31c94b.pdf

The save the date announcement is also attached, as is the CPIC whitepaper. Hope this is a good start.

Important - the discount rate for the hotel ends on 5/18. FERC may have a preferred hotel and this may not matter, but just wanted to flag that. If you would like us to register Chairman McIntyre, please let Kelly Cullinane, our Summit Coordinator (cc'd) and I know.

Thanks again!

Very Best Regards,
Chris

Chris Beck
Electric Infrastructure Security Council
p: (b) (6)
f: 202-289-6539
e: chris.beck@eiscouncil.org

On Tue, May 15, 2018 at 4:31 PM, Anthony Pugliese <Anthony.Pugliese@ferc.gov> wrote:

Can you send me the latest info of events and participants for the London conference?
Chairman McIntyre has not ruled out his attendance.

Anthony J. Pugliese

Chief of Staff

Federal Energy Regulatory Commission

From: [Travis Fisher](#)
To: [Merrifield, Jeffrey S.](#); [Anthony Pugliese](#)
Subject: RE: Connection
Date: Tuesday, May 15, 2018 12:08:29 PM

Nothing in advance, no. Just give yourself a couple minutes to sign in with the security staff. Have them call me at extension 6117 when you're ready to come up.

From: Merrifield, Jeffrey S. [mailto:jeff.merrifield@pillsburylaw.com]
Sent: Tuesday, May 15, 2018 12:04 PM
To: Anthony Pugliese <Anthony.Pugliese@ferc.gov>; Travis Fisher <Travis.Fisher@ferc.gov>
Subject: RE: Connection

That works great for me. Please let me know if you need any info for me in advance for your security clearance procedures.

Thanks,

Jeff

From: Anthony Pugliese <Anthony.Pugliese@ferc.gov>
Sent: Tuesday, May 15, 2018 12:01 PM
To: Merrifield, Jeffrey S. <jeff.merrifield@pillsburylaw.com>; Travis Fisher <Travis.Fisher@ferc.gov>
Subject: RE: Connection

Thanks Jeff, would Wednesday (tomorrow) at 11 work?

From: Merrifield, Jeffrey S. [mailto:jeff.merrifield@pillsburylaw.com]
Sent: Monday, May 14, 2018 3:59 PM
To: Travis Fisher <Travis.Fisher@ferc.gov>
Cc: Anthony Pugliese <Anthony.Pugliese@ferc.gov>
Subject: RE: Connection

Travis,

Thanks for getting back to me.

I would like to do this when it works of Anthony. By background, I was a 8 ½ Commissioner at the NRC and with Pat Wood was the one who initiated the joint FERC/NRC meeting that survives till today.

While the meeting will be one topic of discussion, I was hoping to speak to Anthony and you more generally about nuclear and what is happening both domestically and internationally in this sector. I cover a lot of ground in the nuclear arena and wanted to serve as a resource.

Let me know if that time works for the two of you.

Jeff

Jeffrey S. Merrifield | Partner

Pillsbury Winthrop Shaw Pittman LLP

1200 Seventeenth Street NW | Washington, DC 20036-3006

t 202.663.8718 | f 202.663.8007 | m 703.629.5601

jeff.merrifield@pillsburylaw.com | [website bio](#)

From: Travis Fisher <Travis.Fisher@ferc.gov>

Sent: Monday, May 14, 2018 3:53 PM

To: Merrifield, Jeffrey S. <jeff.merrifield@pillsburylaw.com>

Cc: Anthony Pugliese <Anthony.Pugliese@ferc.gov>

Subject: RE: Connection

Hi Jeff,

I can't speak for Anthony but I'm available for a visit at 10am on Wednesday. Would that work? I'm copying Anthony in case he's able to join.

And is the topic the same? The NRC/FERC joint meeting next month?

Best,

Travis

From: Merrifield, Jeffrey S. [<mailto:jeff.merrifield@pillsburylaw.com>]

Sent: Monday, May 14, 2018 3:44 PM

To: Travis Fisher <Travis.Fisher@ferc.gov>

Subject: FW: Connection

Travis,

I am back from China and just got better access to my voicemail.

Attached is an email I sent to Anthony. I left a message and was looking to see if I could come in for a short visit.

Jeff

-----Original Message-----

From: Merrifield, Jeffrey S.

Sent: Thursday, May 10, 2018 9:24 PM

To: Anthony.pugliese@ferc.gov

Subject: Connection

Anthony,

I apologize. I have been in China the last week (all day today traveling back) and between the 12 hour time difference and Chinese internet/ Phone issues, it has been impossible to connect.

I know you had one of your staff reach out, but I was not able to get his email address.

I am in DC on Monday-Wednesday next week, and right now except for Monday before 11 am, am wide open.

I would love to come down and chat so let let me know.

Jeff

Sent from my iPhone

Jeffrey S. Merrifield | Partner
Pillsbury Winthrop Shaw Pittman LLP
1200 Seventeenth Street NW | Washington, DC 20036-3006 t 202.663.8718 | f 202.663.8007 |
m (b) (6) jeff.merrifield@pillsburylaw.com

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From: [Merrifield, Jeffrey S.](#)
To: [Anthony Pugliese](#)
Cc: [Travis Fisher](#)
Subject: Re: Connection
Date: Wednesday, May 16, 2018 10:55:57 AM

I am in the lobby. The guard is having some challenges getting through to your office.

Sent from my iPhone

On May 15, 2018, at 12:00 PM, Anthony Pugliese <Anthony.Pugliese@ferc.gov> wrote:

Thanks Jeff, would Wednesday (tomorrow) at 11 work?

From: Merrifield, Jeffrey S. [<mailto:jeff.merrifield@pillsburylaw.com>]
Sent: Monday, May 14, 2018 3:59 PM
To: Travis Fisher <Travis.Fisher@ferc.gov>
Cc: Anthony Pugliese <Anthony.Pugliese@ferc.gov>
Subject: RE: Connection

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Jeff

Jeffrey S. Merrifield | Partner
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1200 Seventeenth Street NW | Washington, DC 20036-3006
t 202.663.8718 | f 202.663.8007 | m (b) (6)
jeff.merrifield@pillsburylaw.com | [website bio](#)

From: Travis Fisher <Travis.Fisher@ferc.gov>
Sent: Monday, May 14, 2018 3:53 PM
To: Merrifield, Jeffrey S. <jeff.merrifield@pillsburylaw.com>

Cc: Anthony Pugliese <Anthony.Pugliese@ferc.gov>

Subject: RE: Connection

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Best,

Travis

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Sent: Monday, May 14, 2018 3:44 PM

To: Travis Fisher <Travis.Fisher@ferc.gov>

Subject: FW: Connection

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-----Original Message-----

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Sent: Thursday, May 10, 2018 9:24 PM

To: Anthony.pugliese@ferc.gov

Subject: Connection

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Jeff

Sent from my iPhone

Jeffrey S. Merrifield | Partner
Pillsbury Winthrop Shaw Pittman LLP
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202.663.8007 | m 703.629.5601 jeff.merrifield@pillsburylaw.com

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From: [Chris Beck](#)
To: [Anthony Pugliese](#)
Cc: [Ray, James \(OST\)](#); [Jim Kish](#); [Kelly Cullinane](#)
Subject: Re: Infrastructure
Date: Wednesday, May 16, 2018 9:37:10 AM
Attachments: [CPIC Whitepaper.pdf](#)
[Outline Draft Summit IX London Rev 2.docx](#)

Thank you Anthony and Hello Mr. Ray,

Our organization, the Electric Infrastructure Security Council (EIS) Council (www.eiscouncil.org) hosts national and international discussions focused on enhancing critical infrastructure resilience to severe, 'Black Sky' hazards.

We have many initiatives and document best practices for CI resilience. Our flagship annual meeting, the EIS Summit Series that Anthony mentioned, will convene this year in London on June 25-27, 2018.

We hope to have a fairly accurate agenda by next week, but in the interim, I'm attaching an agenda overview, a whitepaper describing the CPIC meeting on June 27, and a link to a summary of our last London Summit in 2016 is here:

https://www.eiscouncil.org/App_Data/Upload/summitMedia/5cb3e3c3-0f88-4ba6-9465-a45e3f31c94b.pdf.

If you have interest/availability, please let Kelly Cullinane, our Summit Coordinator (cc'd) and I know, and we will help with registration. We only have until the end of the week to secure the hotel at the discounted Summit rate, but this may not be an issue for USG personnel. I know this is a short turn-around, but if the Summit doesn't work this year, we look forward to meeting with you at another time to discuss mutual areas of interest.

Very Best Regards,
Chris

Chris Beck
Electric Infrastructure Security Council
p: 202-248-5025
f: 202-289-6539
e: chris.beck@eiscouncil.org

On Tue, May 15, 2018 at 4:17 PM, Anthony Pugliese <Anthony.Pugliese@ferc.gov> wrote:

Chris,

I wanted to introduce you to Jim Ray who is an expert in many areas, but a few of interest are transportation and infrastructure. Jim is helping Sec. Chao with a lot of the Infrastructure activities at DOT. Jim, Chris was looking to engage with a few folks within the admin on some energy/electric infrastructure activities they are engaged in with FERC/DOD/DHS/DOE. They do a lot with our federal partners, but also with outside stakeholders like EEI and generators, specifically on areas of cyber threats, EMP/GMD, and black sky events. They feel like an area that they need to improve upon is the transportation component, specifically during black sky events. They are also hosting a conference in London with many of your counterparts that you may have interest in if possible.

Anthony J. Pugliese

Chief of Staff

Federal Energy Regulatory Commission

From: [Anna Cochran](#)
To: [Kevin McIntyre](#); [Michelle R. Brown](#); [Tracy Adamsky](#)
Cc: [David Ortiz](#); [James Danly](#); [David Morenoff](#); [Anthony Pugliese](#); [Nicholas Gladd](#); [Angela Amos](#); [Carolyn Clarkin](#); [Laura Swett](#)
Subject: RE: Meeting Request
Date: Thursday, May 3, 2018 12:56:28 PM
Attachments: (b) (5)

(w/o Paul) Mr. Chairman – I am available any of the days that Paul suggests, below. I would be happy to help set up the meeting if you would like. As you know, (b) (5)

[REDACTED]

Please let me know how we can help. Thanks.

Anna Cochran

From: Paul Suskie [mailto:psuskie@spp.org]
Sent: Thursday, May 03, 2018 12:34 PM
To: Kevin McIntyre <Kevin.McIntyre@ferc.gov>; Michelle R. Brown <Michelle.Brown@ferc.gov>; Tracy Adamsky <Tracy.Adamsky@ferc.gov>
Cc: Anna Cochran <Anna.Cochran@ferc.gov>; David Ortiz <David.Ortiz@ferc.gov>; James Danly <James.Danly@ferc.gov>; David Morenoff <David.Morenoff@ferc.gov>; Anthony Pugliese <Anthony.Pugliese@ferc.gov>; Nicholas Gladd <Nicholas.Gladd@ferc.gov>; Angela Amos <Angela.Amos@ferc.gov>; Carolyn Clarkin <Carolyn.Clarkin@ferc.gov>; Laura Swett <Laura.Swett@ferc.gov>
Subject: Meeting Request

Good Afternoon!

Attached please find a letter to Chairman Kevin McIntyre requesting an informal meeting with the appropriate FERC Staff to discuss a series of significant electric reliability challenges the South Central part of the United States faced on January 17, 2018.

Per Laura Swett's advice, I am including possible dates to help find a time to schedule the meeting. The signed parties to the attached letter have representatives who are available to meet at FERC's offices in Washington on May 11th, May 15th, and May 18th.

If you have any questions, please feel free to let me know.

Paul

Paul Suskie
Executive Vice President & General Counsel
Southwest Power Pool
201 Worthen Drive
Little Rock, AR 72223-4936
psuskie@spp.org (Email)

501.688.2535 (Office)

(b) (6) (Cell)

501.482.2022 (Fax)

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From: [Anna Cochran](#)
To: [Kevin McIntyre](#); [Michelle R. Brown](#); [Tracy Adamsky](#)
Cc: [David Ortiz](#); [James Danly](#); [David Morenoff](#); [Anthony Pugliese](#); [Nicholas Gladd](#); [Angela Amos](#); [Carolyn Clarkin](#); [Laura Swett](#); [Martin Kirkwood](#)
Subject: RE: Meeting Request
Date: Friday, May 4, 2018 11:26:02 AM
Attachments: (b) (5)

Mr. Chairman – attached is an update to the background summary of the (b) (5)

[REDACTED]

(b) (5)

[REDACTED]

Thank you.

Anna Cochran

From: Anna Cochran
Sent: Thursday, May 03, 2018 12:56 PM
To: Kevin McIntyre <Kevin.McIntyre@ferc.gov>; Michelle R. Brown <michelle.brown@ferc.gov>; Tracy Adamsky <Tracy.Adamsky@ferc.gov>
Cc: David Ortiz <David.Ortiz@ferc.gov>; James Danly <James.Danly@ferc.gov>; David Morenoff <david.morenoff@ferc.gov>; Anthony Pugliese <Anthony.Pugliese@ferc.gov>; Nicholas Gladd <nicholas.gladd@ferc.gov>; Angela Amos <Angela.Amos@ferc.gov>; Carolyn Clarkin <carolyn.clarkin@ferc.gov>; Laura Swett <laura.swett@ferc.gov>
Subject: RE: Meeting Request

(b) (5)

[REDACTED]

Thanks.

Anna Cochran

From: Paul Suskie [<mailto:psuskie@spp.org>]
Sent: Thursday, May 03, 2018 12:34 PM
To: Kevin McIntyre <Kevin.McIntyre@ferc.gov>; Michelle R. Brown <Michelle.Brown@ferc.gov>;

Tracy Adamsky <Tracy.Adamsky@ferc.gov>

Cc: Anna Cochrane <Anna.Cochrane@ferc.gov>; David Ortiz <David.Ortiz@ferc.gov>; James Danly <James.Danly@ferc.gov>; David Morenoff <David.Morenoff@ferc.gov>; Anthony Pugliese <Anthony.Pugliese@ferc.gov>; Nicholas Gladd <Nicholas.Gladd@ferc.gov>; Angela Amos <Angela.Amos@ferc.gov>; Carolyn Clarkin <Carolyn.Clarkin@ferc.gov>; Laura Swett <Laura.Swett@ferc.gov>

Subject: Meeting Request

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Per Laura Swett's advice, I am including possible dates to help find a time to schedule the meeting. The signed parties to the attached letter have representatives who are available to meet at FERC's offices in Washington on May 11th, May 15th, and May 18th.

If you have any questions, please feel free to let me know.

Paul

Paul Suskie
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Southwest Power Pool
201 Worthen Drive
Little Rock, AR 72223-4936
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From: [Gasteiger, Larry](#)
To: [Anthony Pugliese](#)
Subject: RE: New Jersey zero emissions bill
Date: Tuesday, May 22, 2018 10:34:12 PM

Anthony, I wanted to make sure you knew that Governor Murphy has indicated he plans to sign the NJ nuclear bill tomorrow.

Larry

Larry Gasteiger
Chief, Federal Regulatory Policy
PSEG
601 New Jersey Ave., NW, Suite 310
Washington, DC 20001

Office: (202) 408-7581
Email: larry.gasteiger@pseg.com



From: Gasteiger, Larry
Sent: Thursday, April 12, 2018 6:33 PM
To: 'Anthony Pugliese'
Subject: New Jersey zero emissions bill

Hi Anthony. I wanted to make sure you heard that late this afternoon the NJ legislature passed the zero emissions bill, which creates a process for nuclear plants like ours to apply for zero emissions credits. The bill now goes to the Governor for his consideration. If you have any questions, let me know.

Larry

Larry Gasteiger
Chief, Federal Regulatory Policy
PSEG
601 New Jersey Ave., NW, Suite 310
Washington, DC 20001

Office: (202) 408-7581
Email: larry.gasteiger@pseg.com

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From: [Fritz Hirst](#)
To: [Anthony Pugliese](#)
Subject: RE: Potential Meeting with Mexican Authorities - May 16
Date: Friday, May 11, 2018 3:18:16 PM

Hey Anthony- Just closing the loop here . . . The meeting with Mexican authorities next Wednesday has morphed into a conference call. Thanks much for getting back to me earlier. I'm sure I'll see you soon. Best- Fritz

Fritz Hirst
Director of Legislative & Regulatory Affairs
North American Electric Reliability Corporation
1325 G Street NW, Suite 600
Washington, DC 20005
202-644-8064 office | (b) (6) cell
fritz.hirst@nerc.net
Reliability | Accountability

From: Anthony Pugliese [mailto:Anthony.Pugliese@ferc.gov]
Sent: Tuesday, May 01, 2018 2:19 PM
To: Fritz Hirst <Fritz.Hirst@nerc.net>
Subject: Re: Potential Meeting with Mexican Authorities - May 16

Thank you Fritz, his schedule looks crazy as the following day is the open meeting. I will discuss with him but if he cannot he may want to send a representative

Anthony J. Pugliese
Chief of Staff
Federal Energy Regulatory Commission

On May 1, 2018, at 12:38 PM, Fritz Hirst <Fritz.Hirst@nerc.net> wrote:

Hi Anthony- I wanted to give you a heads up that we are working on arranging a meeting with Mexican authorities to discuss mutual collaboration under our MOU supporting reliability in Mexico. Among others, meeting attendees will include the chairman of CRE (the Mexican energy regulator), the director general of CENACE (the electricity system operator), and our CEO Jim Robb. The meeting is not yet confirmed, but we're tentatively looking at May 16 in our DC office. Recognizing the short timeframe, I'm reaching out for your general awareness because if the meeting comes together we would be very pleased to have the chairman join us for an hour or so to discuss North American reliability and security topics. We will also invite DOE to send a representative. I wanted to let you know these details in case this is within the realm of possibility for the chairman. I'll keep you apprised. Thanks. -Fritz

Fritz Hirst
Director of Legislative & Regulatory Affairs
North American Electric Reliability Corporation
1325 G Street NW, Suite 600
Washington, DC 20005

202-644-8064 office | (b) (6) cell
fritz.hirst@nerc.net
Reliability | Accountability

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From: [Noelle Clemente](#)
To: [Anthony Pugliese](#)
Subject: S-3 Public Affairs | Sunday Agenda
Date: Sunday, May 6, 2018 2:01:03 PM



[Fact of the Week](#) | [In the Media](#) | [In the Administration](#) | [On the Hill](#)

[FACT OF THE WEEK](#)

[Fast Company](#) reports, “Hulu has added 3 million subscribers since January, and now has more than 20 million users in the U.S. That’s still well behind Netflix, which reported 55 million paid U.S. subscribers in April, though Hulu is now growing at a faster clip. (Netflix added 1.96 million U.S. subscribers last quarter.)”

Even a cord-cutting and streaming becomes more popular, chances are your TV is still where you're watching. "Hulu says 78% of its viewing occurs on TV devices in the living room. Netflix recently [came to a similar conclusion](#), showing how TV still dominates even in the streaming video age."

[IN THE MEDIA](#)

The Washington Post is working to make ads more useful to users with a new product: Showcase. [Digiday](#) reports, "Showcase — as shown in the mockup below — is an event recommendation ad unit that combines an advertiser's message with things like recipes and ticket sales. Designed with sports, entertainment and real estate advertisers in mind, the ad displays a feed of a venue's upcoming events and a buy button that takes the user to the venue's site." Jeffrey Turner, the new "head of ad product overseeing the Post's Research Experimentation and Development team," explains the goal of these types of ads: "A brand doesn't want a negative experience for a user. So it's the value exchange we're really after."

[IN THE ADMINISTRATION](#)

[The AP](#) reports, "President Donald Trump's campaign says he'll talk about the economy and recent tax cuts during a rally in Indiana next week. The campaign says the May 10 rally will be held at Atlantic Aviation in South Bend."

[ON THE HILL](#)

Congress is back with continued work on FY2019 budget requests in both chambers. The Senate will continue its work on judicial nominations with cloture votes beginning Monday. The [House](#) is set to consider a series of small business-focused bills as well as legislation regarding [nuclear waste](#).

Monday (May 7): Senate [executive session](#) to resume consideration of Kurt Engelhardt, to be U.S. Circuit Judge for the Fifth Circuit, and cloture motions on Engelhardt and five other Circuit Court nominees; **Senate Homeland Security and Governmental Affairs Committee** [business meeting](#) to consider the nominations of Christopher Krebs (to be undersecretary of the National Protection and Programs Directorate at the Department of Homeland Security), and David Williams and Robert Duncan (to be governors of the U.S. Postal Service); **House Rules Committee** [hearing](#) to consider the Citizens' Right to Know Act, Standard Merger and Acquisitions Reviews Through Equal Rules

Act, and a measure of congressional disapproval of a Consumer Financial Protection Bureau rule relating to auto lending; **House Appropriations Subcommittee** [markup](#) of the FY2019 energy and water appropriations bill;

Tuesday (May 8): Senate Appropriations Subcommittee hearings on the FY2019 budget requests for the [Department of Homeland Security](#) (with testimony from Secretary Kirstjen Nielsen) and the [Library of Congress and architect of the Capitol](#); **Senate Energy and Natural Resources Committee** [hearing](#) to examine Puerto Rico's electric grid; **Senate Commerce Subcommittee** [hearing](#) to receive an update on the safe integration of unmanned aircraft systems into the airspace; **House Foreign Affairs Committee** [hearing](#) on confronting the Iranian challenge; **House Appropriations Committee** [markup](#) of the FY2019 military constructions and veterans affairs and legislative branch appropriations bills; **House Natural Resources Committee** [markup](#) of 9 bills; **House Oversight and Government Reform Committee** [hearing](#) to receive a progress report on the 2020 census; **House Judiciary Committee** [hearing](#) on challenges and solutions in the opioid abuse crisis; **House Energy and Commerce Subcommittee** hearings on [concerns about distribution and diversion in combating the opioid epidemic](#), [improving the coordination and quality of substance use disorder treatment](#), and [policy implications of electric and conventional vehicles in the years ahead](#); **House Ways and Means Subcommittee** [hearing](#) on the Medicare Advantage program; **House Education and the Workforce Subcommittee** [hearing](#) on the opioid epidemic and implications for the Federal Employees' Compensation Act; **House Small Business Subcommittee** [hearing](#) on the impact of travel and tourism on small business; **House Rules Committee** [hearing](#) on the Nuclear Waste Policy Amendments Act; **House Science, Space & Technology Subcommittee** [hearing](#) on leveraging blockchain technology to improve supply chain management and combat counterfeit goods; **House Transportation and Infrastructure Subcommittee** [hearing](#) on the use of new maritime technologies to improve efficiency and mission performance; **House Veterans' Affairs Subcommittee** [hearing](#) on VA logistics modernization and the RTLS and Catamaran projects; [POLITICO Playbook interview](#) with House Minority Leader Nancy Pelosi (D-CA);

Wednesday (May 9): Senate Intelligence Committee [hearing](#) on the nomination of Gina Haspel to be director of the CIA; **Senate Appropriations Subcommittee** hearings on the FY2019 budget requests for the [Department of Defense](#) (with testimony from Secretary James Mattis and Joint Chiefs of Staff

Chairman Gen. Joseph F. Dunford, Jr.) and [Department of Veterans Affairs](#) (with testimony from Assistant Secretary of Veterans for Management and CFO Jon Rychalski and Undersecretary for Memorial Affairs Randy Reeves); **Senate Judiciary Committee** [hearing](#) on the nominations of Ryan Bounds (to be Circuit Judge for the Ninth Circuit), J. Campbell Barker (to be District Judge for the Eastern District of Texas), Susan Brnovich (to be District Judge for the District of Arizona), Chad Kennedy (to be District Judge for the Eastern District of Pennsylvania), Jeremy Kernodle (to be District Judge for the Eastern District of Texas), and Maureen Ohlhausen (to be Judge of the U.S. Court of Federal Claims); **Senate Foreign Relations Committee** [hearing](#) on the nominations of Jonathan Cohen (to be deputy representative of the U.S. to the United Nations), Joseph Cella (to be ambassador to the Republic of the Fiji Islands), David Cornstein (to be ambassador to Hungary), Eliot Pedrosa (to be director of the Inter-American Development Bank), and Jackie Wolcott (to be representative to the Vienna office of the U.N. and to the International Atomic Energy Agency) and [subcommittee hearing](#) on developing a multilateral and strategic response to international predatory economic practices; **Senate Homeland Security and Governmental Affairs Subcommittee** [hearing](#) on U.S. spending in Afghanistan; **Senate Environment and Public Works Committee** [legislative hearing](#) on America's Water Infrastructure Act; **Senate Energy and Natural Resources Subcommittee** [oversight hearing](#) of law enforcement programs at the Bureau of Land Management and U.S. Forest Service; **Senate Indian Affairs Committee** [hearing](#) on the nomination of Tara Mac Lean Sweeney to be assistant secretary for Indian Affairs at the Department of the Interior; **House Armed Services Committee** [markup](#) of the FY2019 National Defense Authorization Act; **House Appropriations Subcommittee** markups of the [FY2019 agriculture appropriations bill](#) and [FY2019 commerce, justice, and science appropriations bill](#), and hearings to receive testimony from [American Indian/Alaska Native public witnesses](#) and [FY2019 Defense Member Day](#); **House Science, Space & Technology Committee** [hearing](#) to review the FY2019 Department of Energy budget proposal, with testimony from Secretary Rick Perry; **House Foreign Affairs Committee** [markup](#) of 4 bills and [subcommittee hearing](#) on protecting civil society, faith-based actors, and political speech in sub-Saharan Africa; **House Ways and Means Subcommittee** [hearing](#) on legislative options to address the jobs gap; **House Education and the Workforce Subcommittee** [hearing](#) on private-sector solutions for closing the skills gap; **House Small Business Committee** [hearing](#) on how small businesses empower people with

developmental disabilities; **House Oversight and Government Reform Subcommittee** [joint hearing](#) on program integrity for the Supplemental Nutrition Assistance Program;

Thursday (May 10): Senate Appropriations Subcommittee hearings on the FY2019 budget requests for the [Department of Interior](#) (with testimony from Secretary Ryan Zinke and Deputy Assistant Secretary for Budget, Finance, Performance, and Acquisition Olivia Barton Ferriter), [Department of Health and Human Services](#) (with testimony from Secretary Alex Azar), and [Department of Commerce](#) (with testimony from Secretary Wilbur Ross); **Senate Armed Services Committee** [hearing](#) on the nominations of Dr. Lisa Porter (to be deputy undersecretary of Defense for research and engineering), James Stewart (to be assistant secretary of Defense for manpower and reserve affairs), Dr. James Anderson (to be assistant secretary of Defense for strategy, plans and capabilities), Gregory Slavonic (to be assistant secretary of the Navy for manpower and reserve affairs), and Dr. Charles Verdon (to be deputy administrator for defense programs at the National Nuclear Security Administration); **Senate Judiciary Committee** [executive business meeting](#) to consider four circuit and district court nominees and the Marrakesh Treaty Implementation Act; **Senate Foreign Relations Committee** [hearing](#) on modernizing development finance; **House Energy and Commerce Subcommittee** [hearing](#) to examine the state of electric transmission infrastructure; **House Appropriations Subcommittee** hearings to receive testimony from [American Indian/Alaska Native public witnesses](#) and [State and Foreign Operations Member Day](#); **House Budget Committee** [hearing](#) to receive Members' testimony on the FY2019 budget resolution.

As always, please feel free to contact [Rob Collins](#), [Mike Ference](#), [John Scofield](#), or [Amos Snead](#) or call (202) 600-2938 with any questions. Have a wonderful week!



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From: [Noelle Clemente](#)
To: [Anthony Pugliese](#)
Subject: S-3 Public Affairs Sunday Agenda
Date: Sunday, May 20, 2018 2:01:04 PM



[Fact of the Week](#) | [In the Media](#) | [In the Administration](#) | [On the Hill](#)

[FACT OF THE WEEK](#)

[AdAge](#) reports on a new review of the effectiveness of the 6-second ad. The ads were tested next to 15- and 30-second spots “from three different well-known, general interest brands, including Hershey’s, in different combinations and sequences.” The takeaways:

- “Six-second ads have a more positive impact when used to reinforce a

message already delivered by a longer ad.”

- “When used exclusively, 15-second ads were seen as twice as effective as 6-second ads and 30-second ads.”

IN THE MEDIA

As podcast popularity continues to grow so too does the focus on advertising opportunities, the platform technology, and metrics around the medium. [TechWorld](#) explains why: “Podcast listeners are a burgeoning demographic that might come to represent one of the most lucrative channels available to advertisers. Between 2015 and 2016, the number of Brits tuning into podcasts grew [27 percent to 4.7 million](#), while across the pond, almost [40 percent of Americans](#) listen to podcasts, while 24 percent tune in monthly, representing the captive ears of 60 million potential consumers.”

[AdExchanger](#) (h/t Morning Consult Brands) notes that the podcast technology itself is dated, but “Digital audio and broadcast radio companies see an opportunity to fix the podcast experience for users by making it look and feel more like digital audio, where content is recommended to listeners before they know they want it. Through recommendations, these platforms can open more inventory by making back-catalog episodes easier to find. They can also collect more data on listening habits and share that with advertisers.”

“Pandora and Spotify have the technology, infrastructure and data to reinvent the listener experience by applying algorithms to recommend content for users, like they do in music. ... Radio giants iHeartMedia and NPR are also establishing themselves as podcast destinations ... IHeartRadio, iHeartMedia’s streaming app, has 100 million monthly active users, and NPR’s streaming app NPR One gets 4 million podcast listeners every week. ... As audio and radio giants fix the podcast user experience, they’re also opening the doors for smarter podcast advertising,” but there’s a concern that programmatic advertising could change the listener experience.

IN THE ADMINISTRATION

South Korean President Moon Jae-in is set to visit the White House on Tuesday. [Newsday](#) reports, “President Donald Trump is expected to return to Long Island next Wednesday for a forum on the MS-13 gang, Rep. Peter King said Thursday. King (R-Seaford) said he has been working with the

White House on the event, which is tentatively scheduled to be held at the Morrelly Homeland Security Center in Bethpage.”

ON THE HILL

It’s a busy week on the Hill in advance of the holiday weekend. Focus is on the National Defense Authorization Act and next steps on the Farm Bill. The House is also expected to consider a Senate-passed Dodd-Frank reform bill and [right-to-try](#) legislation. The Senate is also expected to pass the [MISSION Act](#) to improve Veterans’ health care options.

Monday (May 21): Senate [executive session](#) to consider the nominations of Dana Baiocco (to be commissioner of the Consumer Product Safety Commission), Jelena McWilliams (to be chair of the board of the Federal Deposit Insurance Corporation), and James Randolph Evans (to be ambassador to Luxembourg); **Senate Armed Services Subcommittee [closed markup](#)** of the FY2019 National Defense Authorization Act; **House Rules Committee [hearing](#)** to consider the Economic Growth, Regulatory Relief, and Consumer Protection Act, Right to Try Act, and general debate on the FY2019 National Defense Authorization Act;

Tuesday (May 22): Senate Appropriations Subcommittee [hearing](#) on the FY2019 budget request for the Treasury Department (with testimony from Secretary Steven Mnuchin and IRS Acting Commissioner David Kautter) and markups of the FY2019 [agriculture appropriations bill](#) and [energy and water development appropriations bill](#); **Senate Armed Services Subcommittee [open and closed markups](#)** of the FY2019 National Defense Authorization Act; **Senate Banking Committee [executive session](#)** to markup the Foreign Investment Risk Review Modernization Act; **Senate HELP Committee [hearing](#)** on addressing shortages and improving care in the healthcare workforce; **Senate Commerce Committee [executive session](#)** to consider 10 bills and nominations; **Senate Foreign Relations Committee [business meeting](#)** to consider the Marrakesh treaty, Global Food Security Reauthorization Act, and two Senate resolutions; **House Education and the Workforce Committee [hearing](#)** on the policies and priorities of the Department of Education, with testimony from Secretary Betsy DeVos; **House Judiciary Committee [oversight hearing](#)** of the U.S. Patent and Trademark Office, with testimony from Undersecretary of Commerce for Intellectual Property and PTO Director Andrei Iancu; **House Appropriations Committee [markup](#)** of the FY2019 Interior, Environment, and Related Agencies appropriations bill; **House Financial Services Committee**

[markup](#) of the Modernizing Credit Opportunities Act, Transitional Housing for Recovery in Viable Environments Demonstration Program Act, Housing Choice Voucher Mobility Demonstration Act, and Foreign Investment Risk Review Modernization Act; **House Rules Committee** [hearing](#) to consider amendments to the FY2019 National Defense Authorization Act; **House Foreign Affairs Committee** [hearing](#) on advancing effective conservation policy worldwide, [markup](#) of the DELTA Act, and subcommittee hearings on [the effectiveness of U.S. oil and gas competitiveness](#) and [Lebanon and Iraq after the elections](#); **House Intelligence Subcommittee** [closed hearing](#) on ongoing intelligence activities; **House Veterans' Affairs Committee** [hearing](#) to assess the VA's governance structure; **House Homeland Security Subcommittee** [hearing](#) on whether immigration and border security policies are being exploited through legal loopholes; **House Natural Resources Subcommittee** [legislative hearing](#) on three federal land bills; **House Energy and Commerce Subcommittee** hearings on [Department of Energy modernization and legislation addressing development, regulation, and competitiveness of advanced nuclear energy technologies](#) and [Internet of Things legislation](#); **House Transportation and Infrastructure Subcommittee** [hearing](#) on implementation of the FAST Act's motor carrier provisions; **House Oversight and Government Reform Subcommittee** joint hearings on [TARP](#) and [freedom of speech on college campuses](#); **Joint Economic Committee** [hearing](#) on what regulatory red tape means for the innovation economy; **The Hill** [event on America's opioid epidemic](#) with Sens. Sherrod Brown (D-OH) and Shelley Moore Capito (R-WV);

Wednesday (May 23): Senate Appropriations Subcommittee hearings on the FY2019 budget requests for the [Indian Health Service](#) (with testimony from a panel including Acting Director Rear Adm. Michael Weahkee) and [NASA](#) (with testimony from Administrator Jim Bridenstine), and [committee business meeting](#) to consider 302(b) subcommittee allocations and markups of the energy and water development and agriculture appropriations bills; **Senate Armed Services Committee** [closed markup](#) of the FY2019 National Defense Authorization Act; **Senate Judiciary Committee** [hearing](#) on the nominations of Britt Grant (to be Circuit Judge for the Eleventh Circuit), Allen Winsor (to be District Judge for the Northern District of Florida), Patrick Wyrick (to be District Judge for the Western District of Oklahoma), and Edward Felten and Jane Nitze (to be members of the Privacy and Civil Liberties Oversight Board) and [subcommittee hearing](#) on exploited loopholes affecting unaccompanied alien children; **Senate Homeland Security and Governmental Affairs Committee** [hearing](#) on the nominations of Emory Rounds (to be director of the Office of

Government Ethics), Kelly Higashi (to be an associate judge of D.C. Superior Court), and Frederick Nutt (to be controller of the Office of Management and Budget's Office of Federal Financial Management); **Senate Budget Committee** [hearing](#) on the GAO report to reduce federal duplication and overlap; **Senate Banking Committee** [hearing](#) on the status of the housing finance system, with testimony from Federal Housing Finance Agency Director Melvin Watt; **Senate HELP Committee** [executive session](#) to consider the Pandemic and All-Hazards Preparedness and Advancing Innovation Act; **House Foreign Affairs Committee** [hearing](#) on the State Department's budget, operations, and policy priorities, with testimony from Secretary of State Mike Pompeo and subcommittee hearings on [U.S. engagement in Asia's diplomatic and security structure](#), [Chinese investment and influence in Europe](#), and [combating transnational criminal threats in the Western hemisphere](#); **House Homeland Security Committee** [hearing](#) on post-caliphate ISIS and threat implications for America and the West; **House Appropriations Committee** [markup](#) of the FY2019 Transportation, Housing and Urban Development appropriations bill and report on FY2019 budget allocations; **House Natural Resources Committee** [markup](#) of 6 bills; **House Financial Services Subcommittee** hearings on [11 legislative proposals to help fuel capital and growth on Main Street](#) and [the impact of autonomous vehicles on the future of insurance](#); **House Ways and Means Subcommittee** [hearing](#) on tax reform and small business; **House Veterans' Affairs Subcommittee** [legislative hearing](#) on 5 bills; **House Oversight and Government Reform Subcommittee** [joint hearing](#) on the Federal Information Technology Acquisition Reform Act; **House Education and the Workforce Subcommittee** [hearing](#) on regulatory reform; **House Energy and Commerce Subcommittee** [hearing](#) to examine the Olympic community's ability to protect athletes from sexual abuse; **Heritage Foundation** [event on trade](#) with Commerce Secretary Wilbur Ross and Sens. Ben Sasse (D-NE) and Joe Manchin (D-WV); **CNN** [town hall event](#) with House Minority Leader Nancy Pelosi (D-CA);

Thursday (May 24): **Senate Foreign Relations Committee** [hearing](#) to review the FY2019 State Department budget request, with testimony from Secretary of State Mike Pompeo; **Senate Armed Services Committee** [closed markup](#) of the FY2019 National Defense Authorization Act (through Friday if not completed on Thursday); **Senate Judiciary Committee** [executive business meeting](#) to consider 13 bills and nominations; **Senate Banking Committee** [hearing](#) on cybersecurity risks to the financial services industry; **Senate**

Finance Committee [hearing](#) on rural healthcare in America.

As always, please feel free to contact [Rob Collins](#), [Mike Ference](#), [John Scofield](#), or [Amos Snead](#) or call (202) 600-2938 with any questions. Have a wonderful week!



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From: [Black, Noel W.](#)
To: [Anthony Pugliese](#)
Subject: Southern Company Announces Sale of Certain Florida Assets to NextEra Energy
Date: Monday, May 21, 2018 7:52:09 AM

Fyi. Looking for to our quick briefing today.

Thanks, Noel
Southern Company

(b) (6)

<https://investor.southerncompany.com/information-for-investors/latest-news/latest-news-releases/press-release-details/2018/Southern-Company-Announces-Sale-of-Certain-Florida-Assets-to-NextEra-Energy/default.aspx>

Southern Company Announces Sale of Certain Florida Assets to NextEra Energy

ATLANTA, May 21, 2018 /PRNewswire/ -- Southern Company today announced that it has entered into agreements to sell Gulf Power Company, Florida City Gas and the entities holding Southern Power's interests in Plant Oleander and Plant Stanton to NextEra Energy for an aggregate purchase price of approximately \$6.475 billion. Net of debt, this reflects an equity value of approximately \$5.075 billion.

[Southern Company]

"This sale provides Southern Company the opportunity to deliver great value to our organization, bolster our financial profile and continue to build the future of energy as one of America's premier energy companies," said Thomas A. Fanning, chairman, president and CEO of Southern Company. "These Florida businesses are being sold at a price that provides substantial value to our stockholders, while entrusting the customers of these exceptional franchises to a high-quality utility company that has a well-established presence in the state."

The transactions are designed to allow Gulf Power and Florida City Gas to continue their customer-focused business models and strong commitments to safety, reliability, customer service and community engagement.

Proceeds from these transactions are intended to be used to reduce debt and improve Southern Company's balance sheet. Southern Company's goal remains to simultaneously provide benefits to customers, preserve solid credit metrics and improve the contribution of its state-regulated utilities to its value proposition. The opportunity to fund the business without raising significant additional capital makes the value proposition of these transactions even stronger.

Completion of each of these transactions is conditioned upon, among other things, the expiration or termination of any applicable waiting period under the Hart-Scott-Rodino Antitrust Improvements Act of 1976. The Gulf Power and Plant Oleander and Plant Stanton transactions also will require approval by the Federal Energy Regulatory Commission and the Federal Communications Commission. The target completion for the sales of Gulf Power and Southern Power's interests in Plant Stanton and Plant Oleander is the first half of 2019. The Florida City Gas transaction's target completion is third quarter 2018.

Southern Company will host a financial analyst call to discuss this announcement at 9:45 a.m. Eastern Time today, during which Fanning and Chief Financial Officer Art P. Beattie will discuss the transaction. Investors, media and the public may listen to a live webcast of the call and view associated slides that were posted this morning at <http://investor.southerncompany.com/webcasts>. A replay of the webcast will be available on the site for 12 months.

Headquartered in Juno Beach, Florida, NextEra (NYSE: NEE) is a leading clean energy company with consolidated revenues of approximately \$17.2 billion, that operates approximately 46,790 megawatts of net generating capacity and employs approximately 14,000 people in 33 states and Canada as of year-end 2017. For more information about NextEra Energy companies, visit these websites: www.NextEraEnergy.com <<http://www.nexteraenergy.com/>>, www.FPL.com <<http://www.fpl.com/>>.

www.NextEraEnergyResources.com<<http://www.nexteraenergyresources.com/>>.

Advisors

Citigroup Global Markets Inc. is serving as the exclusive financial advisor and Jones Day, Troutman Sanders LLP and Gibson Dunn & Crutcher LLP are serving as legal counsel to Southern Company.

About Southern Company

Southern Company (NYSE: SO) is America's premier energy company, with 46,000 megawatts of generating capacity and 1,500 billion cubic feet of combined natural gas consumption and throughput volume serving 9 million customers through its subsidiaries. The company provides clean, safe, reliable and affordable energy through electric operating companies in four states, natural gas distribution companies in seven states, a competitive generation company serving wholesale customers across America and a nationally recognized provider of customized energy solutions, as well as fiber optics and wireless communications. Southern Company brands are known for excellent customer service, high reliability and affordable prices that are below the national average. Through an industry-leading commitment to innovation, Southern Company and its subsidiaries are creating new products and services for the benefit of customers. We are building the future of energy by developing the full portfolio of energy resources, including carbon-free nuclear, advanced carbon capture technologies, natural gas, renewables, energy efficiency and storage technology. Southern Company has been named by the U.S. Department of Defense and G.I. Jobs magazine as a top military employer, recognized among the Top 50 Companies for Diversity and the number one Company for Progress by DiversityInc, and designated as one of America's Best Employers by Forbes magazine. Visit our website at www.southerncompany.com<<http://www.southerncompany.com/>>.

Cautionary Note Regarding Forward-Looking Statements

This release contains forward-looking statements which are made pursuant to safe harbor provisions of the Private Securities Litigation Reform Act of 1995. These forward-looking statements include statements, among other things, concerning the expected timing of completion and financial and other benefits of the transactions described herein. These forward-looking statements are often characterized by the use of words such as "expect," "anticipate," "plan," "believe," "may," "should," "will," "could," "continue" and the negative or plural of these words and other comparable terminology. Although Southern Company believes that the expectations reflected in such forward-looking statements are reasonable, such statements involve risks and uncertainties and undue reliance should not be placed on such statements. Certain material factors or assumptions are applied in making forward-looking statements, including, but not limited to, factors and assumptions regarding the items outlined above. Actual results may differ materially from those expressed or implied in such statements. Important factors that could cause actual results to differ materially from these expectations include, among other things, the following: the failure to receive, on a timely basis or otherwise, the required approvals by government or regulatory agencies (including the terms of such approvals); the risk that a condition to closing of one or more of the transactions may not be satisfied; the inability to achieve the expected financial benefits of the proceeds generated by the transactions; and other risk factors relating to the energy industry, as detailed from time to time in Southern Company's reports filed with the Securities and Exchange Commission. There can be no assurance that any of the transactions will in fact be consummated.

Additional information about these factors and about the material factors or assumptions underlying such forward-looking statements may be found under Item 1A. in Southern Company's Annual Report on Form 10-K for the fiscal year ended December 31, 2017. Southern Company cautions that the foregoing list of important factors that may affect future results is not exhaustive. When relying on forward-looking statements to make decisions with respect to Southern Company, investors and others should carefully consider the foregoing factors and other uncertainties and potential events. All subsequent written and oral forward-looking statements concerning the transactions or other matters attributable to Southern Company or any other person acting on its behalf are expressly qualified in their entirety by the cautionary statements referenced above. The forward-looking statements contained herein speak only as of the date of this release. Southern Company undertakes no obligation to update or revise any forward-looking statement, except as may be required by law.

[Cision] View original content with multimedia:<http://www.prnewswire.com/news-releases/southern-company-announces-sale-of-certain-florida-assets-to-nextera-energy-300651718.html>

SOURCE Southern Company

Media Contact: Schuyler Baehman, Southern Company, 404-506-5333<tel:404-506-5333> or 1-866-506-5333<tel:1-866-506-5333>, sjbaehma@southernco.com<<mailto:sjbaehma@southernco.com>>, Investor Relations
Contact: Aaron Abramovitz, 404-506-0780<tel:404-506-0780>, apabramo@southernco.com<<mailto:apabramo@southernco.com>>

Melissa Horton
Southern Company
O: 202.261.5014

(b) (6)

From: [Robert W. Gee](#)
To: [john.betkoski@ct.gov](#); [Boyd Dunn](#); [Justin Olson](#); [Oliva, Sadzi](#); [ryan.silvey@psc.mo.gov](#); [bjohnson@mt.gov](#); [Katz, Elin](#); [McCabe, Brooks](#); [Thompson, Dave](#); [Rhodes, John \(DPS\)](#); [Bethany.Allen@puco.ohio.gov](#); [Asim.Haque@puco.ohio.gov](#); [Fedorchak, Julie L.](#); [Schuh, John M.](#); [Kara Brighton Fornstrom](#); [Melisa Mizel](#); [Thad Levar](#); [Huebsch, Mike - PSC](#); [Danielle Byrnett](#); [David Springe](#); [John Quackenbush](#); [Teresa.hatchell@wisconsin.gov](#); [Anthony Pugliese](#); [Mathews, Talina R \(PSC\)](#)
Cc: [Lynne Fowler](#); [Elizabeth Stipnieks](#); [Richard McMahon](#); [Lyn, Ivy](#); [Debra Henry](#); [McElrath, Sheena](#); [Vaughns, Jeanne R \(DPS\)](#); [Jacqueline Parker](#); [Delgado, Gerardo](#); [Haretoun, Janel](#); [Neuner, Joyce](#); [McGlothlin, Shonette](#); [Hallenbeck, Jodi \(DPS\)](#); [Haugen, Amy M.](#); [Cook, Pamela - PSC](#); [judy.lowery@puco.ohio.gov](#); [Tracy Adamsky](#)
Subject: Utility Commissioners/Wall St. Dialogue on April 30 - May 2, 2018 in New York City -- Evaluation and Expense Reimbursement Forms
Date: Wednesday, May 2, 2018 4:06:31 PM
Attachments: [3EB87906-D952-409D-9CC4-284962ADEECB.png](#)
[Evaluation Form_FINAL.doc](#)
[GeeStratExpense report.xls](#)

Dear Commissioners, Staff, and State Officials/Organizations,

Thanks once again for participating in the Wall St. Dialogue this week. We hope you all found it useful and informative. As I mentioned, we would like for you to complete and email back the attached **evaluation form** with your expense submissions. Only by having direct feedback from you can we continue to refine and improve this program.

We are also recirculating the **expense submission form** for you to complete and email with your receipts. Please refer to the transportation reimbursement policy below. This expense form is on an Excel spreadsheet format, which automatically totals your expenses. Please fill it out electronically, and not by hand on hard copy, as it guarantees that the sums expressed are legible and arithmetically correct.

PLEASE NOTE: Your expense reimbursement forms and attachments should be emailed directly to me (Bob Gee), and NOT to Lynne Fowler. If you send them to Lynne, this will only impede the processing of your expense reimbursements and delay the receipt of your checks.

Kind regards,
Bob

TRANSPORTATION REIMBURSEMENT POLICY AND PROCEDURE

*Gee Strategies Group LLC will reimburse roundtrip coach class airfare/train fare, hotels nights as needed, and all related ground transportation to and from the event. Automobile mileage will be reimbursed based on your state's travel policies. Incidental meal expenses incurred during transit can also be included. Otherwise, all meals will be provided during the Dialogue. Please keep all receipts to submit for expense reimbursement. Please use the attached **reimbursement form** which should be sent electronically (i.e., emailed) with scanned receipt copies at the conclusion of the Dialogue when you return home. Unfortunately, we can no longer receive expense submissions by regular postal mail. **Where requested on the form,***

please designate the check payee (“Check Should Be Made Payable To: “) . If this is left blank, your expense submission will not be honored. Expense submissions are due 30 days from the concluding date of the Dialogue.

Robert W. Gee
President
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WASHINGTON | AUSTIN

From: [Palmer, Karen](#)
To: [Anthony Pugliese](#)
Subject: Workshop on economics and resilience at RFF
Date: Tuesday, May 8, 2018 9:54:11 AM
Attachments: [Workshop on economics and resilience draft agenda 180504.pdf](#)

Dear Anthony,

We are looking forward to seeing you at our workshop on "Economic Approaches to Understanding and Addressing Resilience in the Bulk Power System", 1616 P Street, NW in Washington, DC. A light breakfast will be available at 8:30 and the formal program will begin at 9:00. Attached please find a draft agenda for the day.

We have divided the day into four sessions, each organized around a series of questions and beginning with a series of short presentations or a formal panel discussion to get things started. But it is our intention to engage all participants in this small workshop in an active dialogue around the economics of resilience. In order to encourage an open and frank conversation, we will operate the event under Chatham House rules.

We will be in touch again before May 30 with a final agenda and some additional pre-workshop background material.

Finally, we have more interest in this event than we have seats at the table, so if your plans have changed and you are unable to join us on the 30th, please let us know right away.

Regards,

Karen Palmer

Dan Shawhan

Devin Hartman

From: [Judy Eastwood](#)
To: [OSECagendaGroup](#); [Angela Amos](#); [Anthony Pugliese](#); [Carolyn Clarkin](#); [Kevin McIntyre](#); [Laura Swett](#); [Martin Kirkwood](#); [Mercedes Kearney](#); [Michelle R. Brown](#); [Nicholas Gladd](#)
Subject: Final Chairmans Program
Date: Thursday, May 17, 2018 9:39:45 AM
Attachments: [CHAIRMANS-Program-05-17-2018-FINAL.pdf](#)
[CHAIRMANS-Program-05-17-2018-FINAL.docx](#)

Judy Eastwood | Public Affairs Specialist | Webmaster | 202 502 6148

Federal Energy Regulatory Commission
Office of External Affairs | Media Relations Division | **Rm 11H-28**



Program
May 17, 2018
Commission Meeting

FERC Security: informs the Secretary that the room is secure and may start the meeting

Secretary: The purpose of the Federal Energy Regulatory Commission's open meeting is for the Commission to consider the matters that have been duly posted in accordance with the Government in the Sunshine Act. Members of the public are invited to observe, which includes attending, listening, and taking notes but does not include participating in the meeting or addressing the Commission.

Actions that purposely interfere or attempt to interfere with the commencement or conducting of the meeting, or inhibit the audience's ability to observe or listen to the meeting, including attempts by audience members to address the Commission while the meeting is in progress, are not permitted. Any person(s) engaging in such behavior will be asked to leave the building. Anyone who refuses to leave voluntarily will be escorted from the building.

Additionally, documents presented to the Chairman, Commissioners or staff during the meeting will not become part of the official record of any Commission proceeding, nor will they require further action by the Commission. If you wish to comment on an ongoing proceeding before the Commission, please visit our website for more information.

Thank you for your cooperation.

[**Chairman Gavels:** starts the proceeding and the official transcript of the meeting.]

Chairman: Madam Secretary, we are ready to begin.

Secretary: Good Morning:

1. This is the time and place that has been noticed for the open meeting of the Federal Energy Regulatory Commission to consider the matters that have been duly posted in accordance with the Government in the Sunshine Act.
2. Please join us in the Pledge of Allegiance. *[Recite the Pledge]*
3. Mr. Chairman and Commissioners, since the December Commission meeting the Commission has issued 63 notational orders.

Mr. Chairman *[to send meeting back to the Chairman]*

Chairman: Thank you Madam Secretary. Good Morning.

I would like to take a quick moment to acknowledge three matters. First, earlier this month, staff of the Commission and NERC issued a report assessing the availability of blackstart resources – generating facilities that can start without support from the grid or that can remain energized without connection to the grid. This report is a follow-up to a 2016 joint FERC-NERC-Regional Entity staff review assessing utility plans for restoration and recovery of the bulk power system following a widespread outage or blackout and is in line with our ongoing work on

grid resilience. The team studied nine representative utilities registered with NERC and concluded in the report that those utilities have identified sufficient blackstart resources in their system restoration plans, and have developed comprehensive strategies for mitigating against future loss of any additional blackstart resources.

The report also makes recommendations for voluntary industry-wide consideration regarding practices, procedures and methodologies aimed at improving system restoration and blackstart capability planning and testing. These recommendations include approaches to addressing single fuel-use constraints, validation of system models, and expanded testing of system restoration plans. Blackstart resources are critical to maintaining the reliability of the nation's transmission grid, and I encourage everyone to visit the Commission's website to view this important report. I thank the entire team for its work on this matter.

Second, I would like to take a quick moment to note that last Wednesday, May 9, the second set of comments were due in Docket No. AD18-7, the Commission's proceeding to address the resilience of the bulk power system. We received a considerable number of filings, which I very much appreciate, and we are reviewing them closely to see what we can learn from them to help us think about next steps on this important issue.

Third, I would like to take this opportunity to announce that the Commission will turn to our review of the Commission's long-standing policies under the Public Utility Regulatory Policies Act of 1978—PURPA. As many of you know, the Commission initiated a review of its PURPA policies in 2016 and held a technical conference then on certain PURPA issues. Much has changed since then. The make-up of the Commission is significantly different than it was in 2016, and in recent months we have been focusing on other issues, such as resilience and our review of the Commission's gas certificate policy statement. Now that we have those two initiatives well under way, I have directed staff to re-energize our PURPA review initiative.

The reinvigorated review will take a look at the issues so that the Commission may determine what, if anything, we need to do to improve and update our PURPA policies.

I am still talking with my colleagues on the format, scope, and timing of the review, and I expect that the review will build on the record that has already been developed. The process will allow for robust stakeholder input. I have an open mind on the issue, and by raising the issue I am not foreshadowing that we need to make, or not make, any changes. I look forward to working with my colleagues on this matter.

With that, I'd like to turn to my colleagues for any opening statements or announcements.

Ask Commissioners in order of seniority [most senior first]:

Commissioner LaFleur,
Commissioner Chatterjee,
Commissioner Powelson,
Commissioner Glick

Chairman: Madame Secretary, we are ready to go to the Consent Agenda.

Secretary: Your consent agenda for this morning is as follows:

(Read from consent list.... Electric Items; Gas Items; Miscellaneous Items; Hydro Items; Certificate Items. Identify any recusals).

We will now take a vote on this morning's consent agenda items
(reverse seniority with Chairman last):

Commissioner Glick
Commissioner Powelson;
Commissioner Chatterjee;
Commissioner LaFleur;
Chairman

Chairman: Madame Secretary if we could please move to the items on the Discussion Agenda.

Discussion Items:

Item E-1: Geomagnetic Disturbance Reliability Standard (RM18-8-000)

Presenter: Justin Kelly, Office of Electric Reliability

At the Table: Matthew Vlissides, Office of the General Counsel

Item A-3:2018 Summer Market and Reliability Assessment (AD06-3-000)

Presenter: Alan Haymes, Office of Enforcement

At the Table: Sedina Eric, Office of Electric Reliability
 Alan Phung, Office of Electric Reliability
 Adam Bennett, Office of Enforcement
 Jennifer Fletcher, Office of Enforcement

Secretary: (Calls the items for discussion.) *FERC Staff seat themselves at table and the Secretary introduces the agenda item and the staff presenting the matter to the Commission. Staff makes a short presentation of the discussion item.*

Secretary: [introduces E-1]

E-1 Staff Presentation:

“Good morning Chairman McIntyre and Commissioners,

“Today we will provide a summary of Item E-1.

“Agenda item E-1 is a notice of proposed rulemaking that addresses proposed Reliability Standard TPL-007-2 (Transmission System Planned Performance During Geomagnetic Disturbances). The North American Electric Reliability Corporation (NERC) developed and submitted the proposed Reliability Standard in response to Order No. 830. In Order No. 830, the Commission directed NERC to modify currently-effective Reliability Standard TPL-007-1: (1) to revise the benchmark GMD event definition, as it pertains to required GMD Vulnerability Assessments and transformer thermal impact assessments, so that the definition is not based solely on spatially-averaged data; (2) to require the collection of necessary geomagnetically induced current (GIC) monitoring and magnetometer data; and (3) to include a one-year deadline for the preparation of corrective action plans and two- and four-year deadlines to complete mitigation actions called for in corrective action plans involving non-hardware and hardware mitigation, respectively.

“The draft notice of proposed rulemaking proposes to approve Reliability Standard TPL-007-2. Proposed Reliability Standard TPL-007-2 largely addresses the directives in Order No. 830 by: (1) incorporating, in addition to the benchmark GMD event definition, a new supplemental GMD event definition that is not derived from spatially-averaged data; (2) requiring applicable entities to collect GIC and magnetometer data; and (3) imposing deadlines for the preparation of corrective action plans and the completion of corrective action plan tasks based on the timeline set forth in Order No. 830.

“While proposing to approve Reliability Standard TPL-007-2, pursuant to section 215(d)(5) of the Federal Power Act, the draft notice of proposed rulemaking also proposes to direct NERC to modify Reliability Standard TPL-007-2 to require applicable entities to develop and implement corrective action plans to mitigate supplemental GMD event vulnerabilities. The draft notice of proposed rulemaking proposes to require NERC to comply with this directive within 12 months of the effective date of Reliability Standard TPL-007-2.

“In addition, the draft notice of proposed rulemaking seeks comment on two options to address the provision in proposed Reliability Standard TPL-007-2 that permits applicable entities to exceed corrective action plan deadlines. Under one option, the Commission would direct NERC to modify Reliability Standard TPL-007-2 to require NERC to consider extensions of corrective action plan deadlines on a case-by-case basis, as

directed in Order No. 830. Under the second option, the Commission would approve the requirement in Reliability Standard TPL-007-2 as proposed by NERC. Under either option, the Commission proposes to direct NERC to submit a report regarding how often and why applicable entities are exceeding corrective action plan deadlines.

“This concludes our presentation, we are happy to take any questions you may have.”

Chairman: Thank you, Mr. Kelly, and team, for your work on this notice of proposed rulemaking.

As many are aware, protecting against geomagnetic disturbance events has become a priority for the Commission. GMDs can cause transformer damage, loss of reactive power sources, and result in voltage collapse and blackout. I am happy that today we are advancing the ball on the Commission’s work to enhance the reliability of the bulk power system.

CHAIRMAN’S QUESTIONS FOR THE TEAM:

Q1: How does proposed Reliability Standard TPL-007-2 improve Bulk-Power System reliability when confronted with a geomagnetic disturbance?

A1: By incorporating a supplemental GMD event definition that does not rely upon spatially-averaged data, the proposed Reliability Standard better addresses the risks posed by severe, geographically-localized geomagnetic disturbance events than the benchmark GMD event definition, which relies on spatially-averaged data.

Q2: How will applicable entities conduct their supplemental GMD assessments using the benchmark GMD event and supplemental GMD event definitions?

A2: Proposed Reliability Standard TPL-007-2 affords significant flexibility as to how GMD planning area studies are conducted. Specifically, Attachment 1 of the proposed Reliability Standard provides guidance that the supplemental GMD event definition may be applied across entire planning areas; may be applied within some subset of a planning area, with the remainder of the planning area being subject to the benchmark GMD event definition; or applicable entities may use any other method to adjust the benchmark GMD event analysis to account for the localized geoelectric field enhancement of the supplemental GMD event.

Q3: Does proposed Reliability Standard TPL-007-2 require applicable entities to mitigate supplemental GMD event vulnerabilities?

A3: The proposed Reliability Standard does not require mitigation of supplemental GMD event vulnerabilities. Instead, applicable entities are only required to evaluate possible actions designed to reduce the likelihood or mitigate the consequences and adverse impacts of supplemental GMD events that result in Cascading. While proposing to approve Reliability Standard TPL-007-2, the draft notice of proposed rulemaking also proposes to direct NERC to modify Reliability Standard TPL-007-2 to require mitigation of supplemental GMD event vulnerabilities.

Chairman then turns to his colleagues in order of seniority to ask if they have any questions or comments:

Commissioner LaFleur;

Commissioner Chatterjee;

Commissioner Powelson;

Commissioner Glick

Secretary: (Calls for the vote on E-1)

Secretary: [introduces A-3]

A-3: Staff Presentation:

Item A-3 Presentation:



"Good morning Mr. Chairman and Commissioners.

Electric and Natural Gas Markets Appear Ready for a Potentially Warm Summer

- Summer temperatures are expected to be above average.
- Reserve margins are expected to be adequate in most regions.
- Natural gas demand from power generators may set record highs this summer.
- Natural gas production could also set record highs.
- Performance requirements will apply to a majority of capacity resources in ISO New England and PJM.

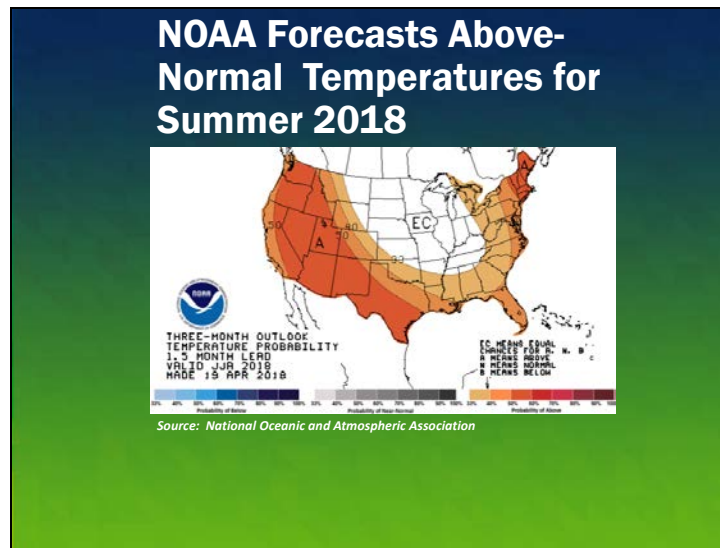
“The Office of Electric Reliability and the Office of Enforcement are pleased to present the 2018 Summer Assessment. This is staff’s high level summary of the reliability challenges that are anticipated in the coming operating season and staff’s corresponding assessment of electric and natural gas markets as we head into the summer months. We will discuss current and future trends, as well as how recent developments may influence market outcomes.

“Please note that some information in this presentation comes from NERC’s 2018 Summer Reliability Assessment which will be released at a later date and is still subject to change. The National Oceanic and Atmospheric Administration (NOAA) forecasts a warmer than average summer for most of the country.

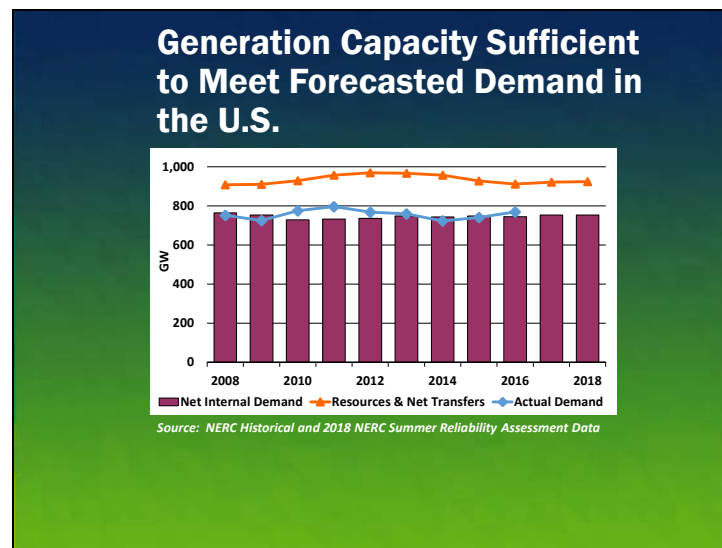
“The North American Electric Reliability Corporation (NERC) Regional Entities anticipate that power resources will be able to meet the reference margin levels in most regions this summer. The Electric Reliability Council of Texas (ERCOT), however, anticipates its reserve margin will be below its reference margin level.

“In Southern California, lower-than-average hydro generation may create challenges as natural gas-fired generation, the replacement for hydro production shortfalls in past years, may be limited due to reduced gas storage capacity and local pipeline outages in the region. Nationwide, this may be a record summer for natural gas demand for electric generation. EIA forecasts that natural gas production will climb to near record highs.

“Performance requirements for all capacity resources in ISO New England will take effect on June 1, while over 80 percent of capacity resources in PJM will be subject to a performance requirement for the upcoming capacity year.



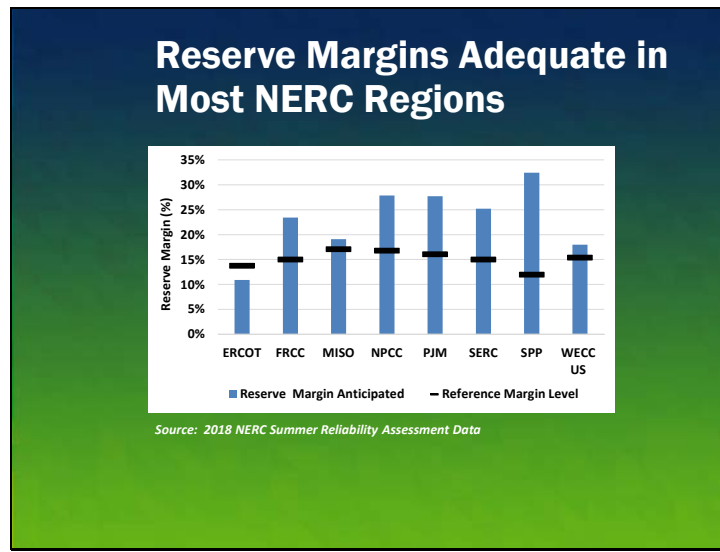
“NOAA forecasts an above-normal chance for higher than average temperatures for the West, South, and East for June, July, and August. The expectation for higher than average temperatures is greatest in New England and along a band running from West Texas through the Pacific Northwest.



“The NERC Regional Entities forecasted net demand for electricity to be approximately the same as it was last summer. The projected lack of growth in the net peak is mainly attributable to the higher implementation of demand response in certain areas, and an increase in behind-the-meter distributed energy resources.

“Over 25 GW of new generating capacity plans to enter commercial service through the end of the summer period. A majority of the capacity additions will come from natural gas-fired and renewable resources, such as solar and wind.

“Approximately 14 GW of generating capacity has retired since May 2017, including approximately 10.8 GW of coal-fired capacity and 2.3 GW of natural gas-fired capacity. Notable coal retirements within the past six months include the 1,187 MW Big Brown, 1,980 MW Monticello, and 1,282 MW Sandow power plants in Texas. In addition, the 1,358 MW St. Johns River Power Park coal plant in Florida retired this year.



“The NERC Regional Entities’ data indicates that planning reserve margins for most assessment areas will be adequate this summer. The columns shown on this chart display the anticipated reserve margins for the markets and regions, while the black bars indicate the reference margins.

“ERCOT anticipates that its reserve margin will be 10.92 percent, which is below its reference margin level of 13.75 percent. According to the ERCOT summer assessment, significant resource changes since last summer have reduced reserve margins in ERCOT, including the retirement of 4,449 MW of coal capacity in January and February 2018; the retirement of 806 MW of gas-fired capacity in late 2017; and delay in construction of new resources, totaling about 2,100 MW, that will not be available to serve load during the peak.

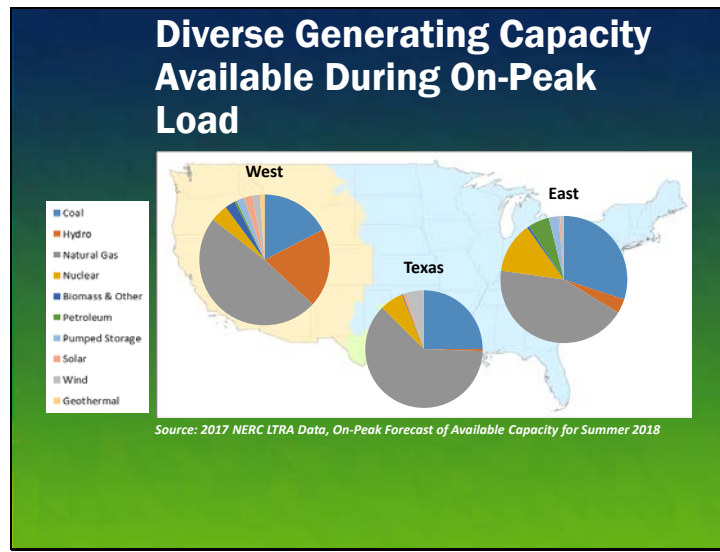
“ERCOT expects to have sufficient operational tools to manage tight reserves and maintain system reliability. Those operational tools include deploying ERCOT- contracted load resources and emergency response services, using a previously mothballed unit expected to return to service in May 2018, requesting power across the existing DC ties, calling on generating resources that can switch between the Eastern Interconnection and ERCOT, and block-load transfers with SPP and MISO. There are also voluntary actions that consumers and market participants may take, such as conservation, operating distributed generation, and price responsive demand response.

“MISO’s reserve margin for summer 2018 is projected to be 19.1 percent, which is two percentage points higher than the reference margin level of 17.1 percent. Since last summer in MISO, some large units retired, but these were offset by additions. With a reserve margin of 19.1 percent, MISO does not anticipate reliability issues for the normal forecast for the upcoming season. In addition, MISO’s Summer Assessment studies system reliability for both

high-outage and high-load scenarios. For these conditions, MISO expects to rely heavily on demand response.

“Finally, the summer 2018 reserve margin for the portion of WECC that is mostly CAISO is projected to be 20 percent, which is 5 percent higher than the reference reserve margin of 15 percent. Generally, CAISO expects an adequate supply for normal load and supply forecasts. However, CAISO’s 2018 Summer Loads and Resources Assessment expects tighter supply conditions if high-load and below-average hydroelectricity production conditions occur. CAISO indicates that it expects demand response and consumer conservation to mitigate tight supply conditions in that scenario.

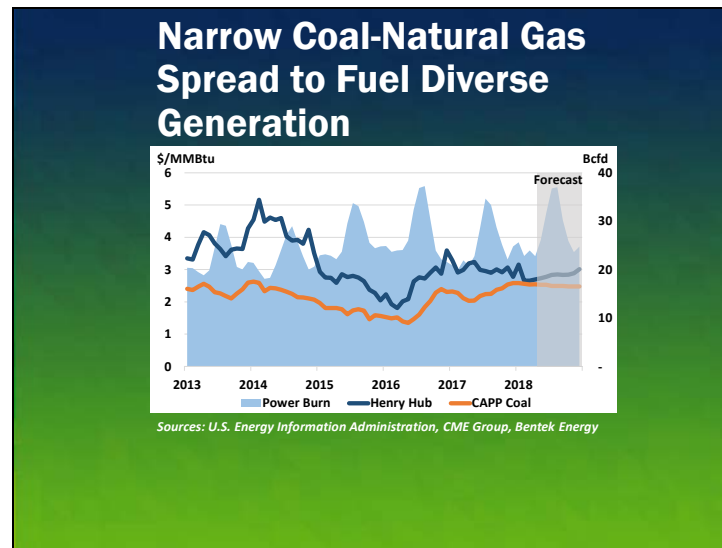
“In the Mid-Atlantic and Northeast regions, as well as SPP and Florida, reserve margins appear to be more than adequate, ranging between 5 and 10 percent above reference levels.



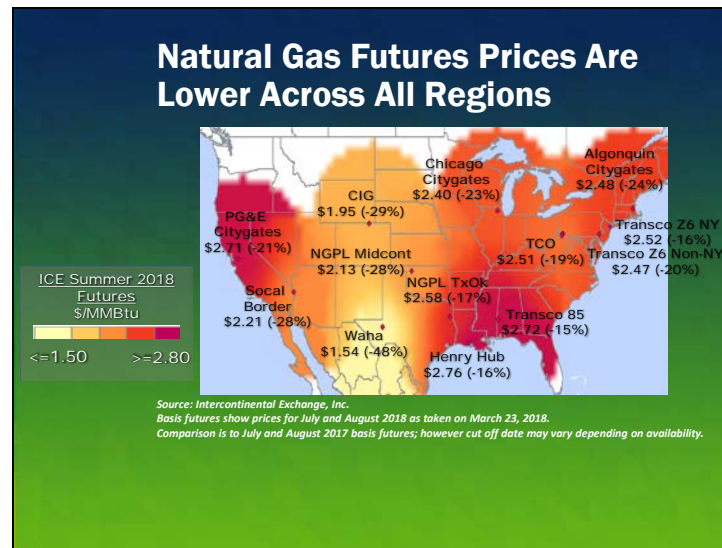
“This graphic shows a breakdown of this summer’s expected generating capacity to be available on peak by primary fuel type across the Eastern, Texas, and Western Interconnections. Looking more broadly at the nameplate capacity additions forecasted to occur during the summer period (May 1 through September 30), the Eastern Interconnection expects to add approximately 11,286 MW of natural gas-fired capacity, 4,835 MW of solar photovoltaic capacity, and 2,476 MW of wind capacity, based on ABB Velocity Suite.

“ERCOT expects an additional 355 MW of gas capacity to be added by September 30, 2018, which is the end of ERCOT’s summer “peak load season.” Also, ERCOT expects an additional installed renewable capacity of 1,348 MW to be added by September 30, 2018 including 961 MW coming from wind and 387 MW from solar.

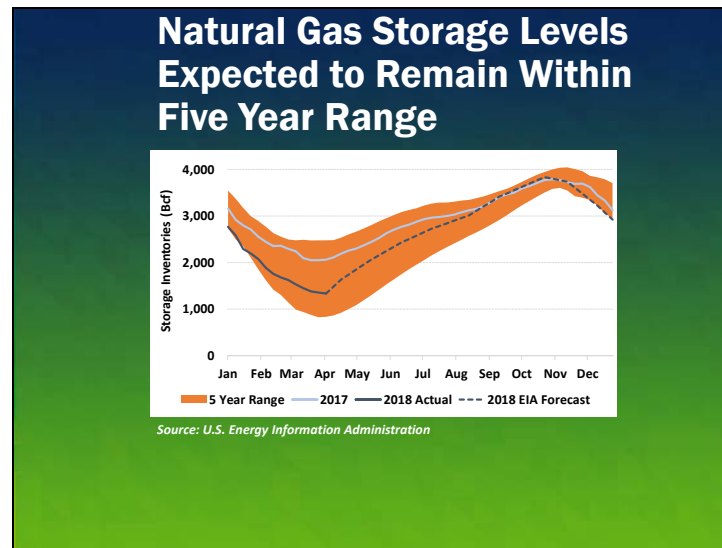
“Finally, WECC anticipates installed capacity additions in the Western Interconnection of 319 MW of natural gas, 570 MW of solar photovoltaic, 968 MW of wind capacity, and 568 MW of hydro capacity by the end of 2018.



“This summer could see near-record-high gas demand from natural gas-fired power generators. EIA forecasts natural gas power burn to average 35.16 Bcfd through June, July, and August, just 0.3 Bcfd less than the record high natural gas power burn set in the summer of 2016, and 3 Bcfd higher than last year. The addition of over 16,000 MW of new capacity to the natural-gas fired generator fleet since the record highs in 2016 and relatively low natural gas prices contribute to expectations for strong natural gas generation this summer. Futures prices for Central Appalachian (CAPP) coal are less than \$2.50/MMBtu, while the Henry Hub natural gas futures summer strip reaches as high as \$2.87/MMBtu.



“Summer 2018 natural gas futures prices are generally lower compared to those for summer 2017. At \$2.76/MMBtu, Henry Hub summer futures prices are down \$0.52/MMBtu, or 16 percent, compared to a year ago. The difference between the summer futures prices around the country and the futures price at the Henry Hub, also known as basis, fell for most domestic natural gas production regions, except for Transco Zone 4 which is up \$0.03/MMBtu from last year and Dominion South which is up \$0.08/MMBtu from last year.



“Natural gas storage inventories began the injection season on April 1, at 1,354 Bcf, about 350 Bcf less than the 5-year average. This is the largest deficit to the 5-year average at the start of an injection season since 2014.

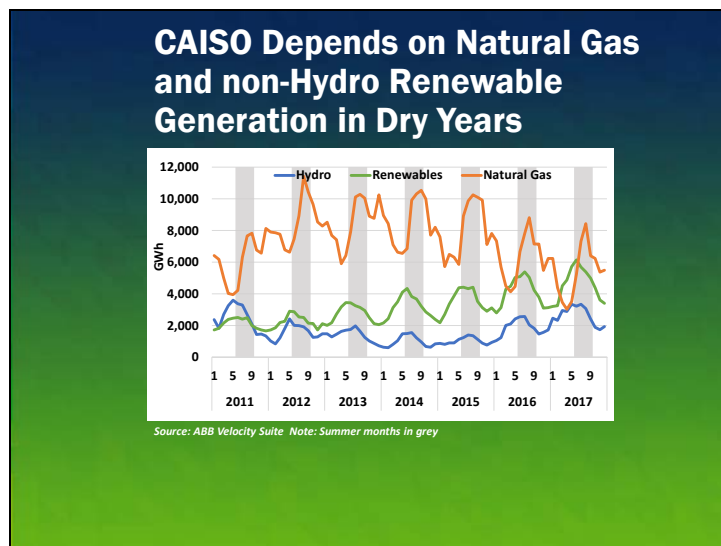
“Growing gas production from fields in Appalachia, Texas, and elsewhere increased U.S. output to record highs. In March 2018, the U.S. produced 84.9 Bcf/d of marketed natural gas, a year-over-year gain of over 8 Bcf/d. Continued production at this volume should position the market to meet summer demand and adequately restock storage inventories. Specifically, EIA forecasts that inventories will grow to about 3,800 Bcf by November, which is within the 5-year range.

Performance Requirements Will Apply to a Majority of Capacity Resources in PJM and ISO New England

- **PJM and ISO New England are adopting performance requirements in their capacity markets.**
- **PJM and ISO New England assess penalties when providers fail to perform in specified hours; give rewards to over-performers in those hours.**
- **No Performance Assessment Hours have been declared in PJM since the program began.**
- **ISO New England Pay for Performance rules start June 1.**

“Both PJM and ISO New England are implementing changes to their three-year forward capacity markets to enhance reliability through market incentives. These changes alter capacity markets in both regions to compensate and/or penalize capacity suppliers based on how well they perform when called upon by system operators during shortage conditions. Resources that fail to perform during these shortage conditions will have compensation subtracted from their capacity revenues, while those resources that over-perform in providing energy and reserves will receive additional compensation. In the two delivery years thus far in which some resources in PJM have been subject to Capacity Performance rules, there have been no shortage conditions that triggered an assessment of penalties or rewards.

“PJM is phasing in its Capacity Performance; the program now encompasses 80 percent of the total capacity requirement. After one more transition year, 100 percent of resources must meet the Capacity Performance rules in delivery year 2020-2021. ISO New England’s Pay for Performance program imposes similar performance obligations and will apply to all capacity resources beginning June 1, 2018.

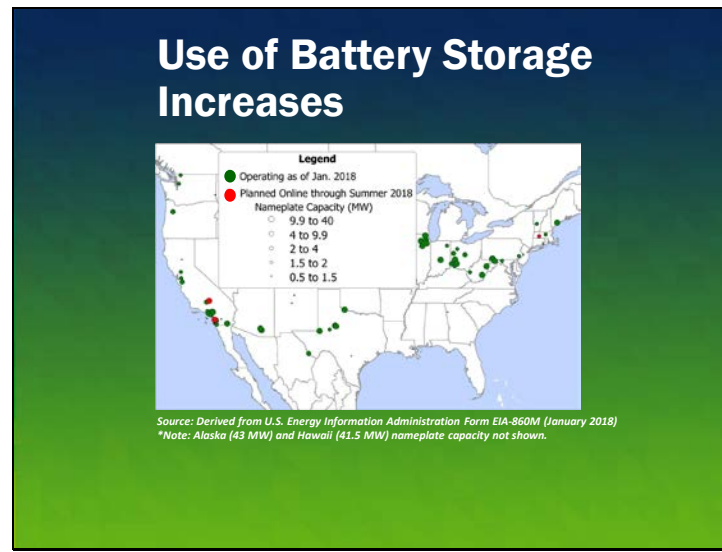


“Hydroelectric generation to serve the California ISO depends on precipitation, especially snow pack, in the months leading up to the spring and summer. This year, snowpack in the Pacific Northwest topped normal levels, but fell well below normal in California.

With warmer than normal temperatures forecasted for this spring, the snowpack may melt faster than usual, reducing the amount of hydro generation available during the coming summer months to help meet peak electric demand.

“Historically, CAISO has increased use of natural gas fired-capacity and imports to offset lower hydro generation levels. However, natural gas supply limitations in southern California this year may affect CAISO’s use of its natural gas generation fleet and present some risk to CAISO’s markets and operations this summer. Distribution level pipeline outages in southern California could affect the amount of natural gas that can be supplied to power plants and can hamper the movement of natural gas into storage.

“Limited operations at Aliso Canyon natural gas storage facility, plus state rule changes reducing the rate at which natural gas may be injected and withdrawn from storage, may complicate pipeline operations.



“Electric battery storage is deployed across the U.S., with the largest number of installations in PJM and California. As of January 2018, 720 MW of battery storage capacity was in operation nationwide, an increase of 30 percent from the previous year. An additional 63 MW is expected by this summer. According to EIA, 88 percent of battery storage capacity provided frequency regulation, 28 percent served as ramping/spinning reserve, and 23 percent provided voltage or reactive support to the transmission system in 2016, with some serving more than one function during the year.

Conclusions

- Capacity and fuel availability appear adequate in most areas.
- ERCOT expects tight capacity conditions, but has mapped out procedures to maintain grid reliability.
- Lower-than-usual hydro production will affect the Western generation mix and may put upward pressure on energy prices in California.
- Adequate natural gas supplies in most regions will support anticipated gas generators' needs.

“Staff’s analysis of the energy reliability and market conditions and trends going into this summer indicate that most regions appear prepared for the expected summer demand. Areas worthy of attention as we proceed through the summer season are hydro and natural gas availability in Southern California and total generating capacity in ERCOT.

Chairman:

Many thanks to the team for your hard work on this report. Your assessment of present and projected conditions is an important tool for both the industry and consumers to prepare for the upcoming season.

I would like to reiterate that today's presentation touched upon highlights of the team's findings, and that the full report is available on the Commission's website and presents a more comprehensive discussion of these important issues.

CHAIRMAN'S QUESTIONS FOR THE TEAM:

Q1: The report discusses staff's concern about Southern California this summer. How does the situation there compare with last summer?

A1: This summer is more concerning than last. The expectation is that there will be less hydro production coupled with limited natural gas supplies as a result of local gas transmission outages and limitations on the Aliso Canyon storage field. CAISO's Summer Assessment predicts at least one Stage Two Emergency hour, which could lead to curtailment of non-firm loads and does not take into account the limitations on

natural gas deliverability. The market and reliability impacts of these conditions will draw particular staff focus as the summer progresses.

Q2: Are there any particular issues or trends that could have longer term impacts on the fuels market?

A2: With respect to fuels markets, weather is a major determinant. As mentioned in the report, NOAA forecasts above average temperatures. An extended hot spell across several major regions could drive demand higher and push prices above the moderate ranges we highlighted, as well as impact natural gas storage inventories which are already below the 5-year average. In addition, oil and natural gas production are major drivers of storage injection. If production underperforms expectations, whether from unplanned pipeline maintenance or from unexpected disruptions in the field, we could see material declines in storage injections, meaning that inventories may still be tight heading into winter.

Chairman then turns to his colleagues in order of seniority to ask if they have any questions or comments:

Commissioner LaFleur;

Commissioner Chatterjee;

Commissioner Powelson;

Commissioner Glick

CLOSING:

Once all Discussion Items are addressed:

Chairman:

Before we close today, I am saddened to report to you that one of our senior staff members – Arnie Quinn -- is leaving the Commission at the end of the month.

Arnie first joined Commission staff in 2003 and has served in several leadership positions with the Commission. Since 2014, Arnie has been the Director of the Commission's Office of Energy Policy and Innovation. In his role as head of OEPI, I have relied on Arnie as the Commission's top economist and one of our truly deep thinkers. In the short time I have been on the Commission, I have grown to appreciate

his judgment and advice with regard to the complex policy and market matters that come before us. Through his leadership and dedication, Arnie has overseen the development and implementation of some of the Commission's most important and landmark orders, including Order No. 890 [Order 888 part II], Order No. 745 [demand response], and more recently Order No. 841 [storage] and the price formation orders.

I also want to acknowledge Arnie's efforts to further develop and enhance OEPI as one of the Commission's program offices. To his and his management team's credit, OEPI has received high scores (above 80%) in employee satisfaction and engagement in the last Federal Employee Viewpoint Survey. As a result of Arnie's leadership, OEPI continues to make a valuable contribution to the Commission's mission.

So Arnie, thanks for the service and I wish you the best in your next endeavor. You will be missed. I now turn to my colleagues and ask if they would like to make any remarks.

Chairman then turns to his colleagues in order of seniority:

Chairman then turns to his colleagues in order of seniority to ask if they have any questions or comments:

Commissioner LaFleur;

Commissioner Chatterjee;

Commissioner Powelson;

Commissioner Glick

In recognition of Arnie's service to the Commission and the American people, I ask Arnie to come up so that I may present him with the Chairman's Executive Leadership Award

[Arnie comes up, receives award, pictures taken. Arnie returns to his seat.]

Chairman: Thank you. With that, this meeting is adjourned.

[**Chairman Gavels**]



Department of Energy
Washington, DC 20585

SEP 20 2019

Sam Gomberg
Union of Concerned Scientists
1825 K St. N.W., Suite 800
Washington, D.C. 20006

Via email to: sgomberg@ucsusa.org

Re: HQ-2018-01436-F

Dear Mr. Gomberg:

This is the final response to the request for information that you sent to the Department of Energy (DOE) under the Freedom of Information Act (FOIA), 5 U.S.C. § 552. You requested:

All emails, email attachments, or calendar invitations/entries sent or received by the following people:

- a. Brian McCormack
- b. Mark Menezes
- c. Steve Winberg
- d. Mark Maddox
- e. Sean Plasynski
- f. Bruce Walker
- g. Edward McGinnis
- h. Theodore Garrish
- i. Martin Dannenfelser
- j. Jennifer Loraine
- k. Daniel Simmons
- l. Sean Cunningham
- m. Shaylyn Hynes

Provide records from May 30, 2018 to June 5, 2018.

In an email dated February 14, 2019, Hart Wood, on behalf of Union of Concerned Scientists (UCS), wrote concerning this request that "UCS agrees to limit the search and review to emails sent by the listed custodians, with the condition that the review and production still include the emails in the chain below those sent emails. Furthermore, as with the rest of the attachments, UCS may in the future request specific emails and/or attachments sent to the listed custodians." In the same email, Mr. Wood stated, "DOE may exclude Edward McGinnis, Theodore Garrish, Daniel Simmons, Martin Dannenfelser, and Jennifer Loraine as custodians."



Your request was assigned to DOE's Office of the Executive Secretariat (ES); the Office of Fossil Energy (FE); the Office of Congressional and Intergovernmental Affairs (CI); the Office of Public Affairs (PA); the Office of Electricity (OE); the Office of Nuclear Energy (NE); the Office of International Affairs (IA); the Office of Management (MA); the Office of Environmental Management (EM); and the National Energy Technology Laboratory (NETL) to conduct a search of their files for responsive documents.

DOE started its search on August 8, 2018, which is the cut-off date for responsive documents. You received a first partial response on March 18, 2019, consisting of twenty-three (23) documents. You received a second partial response on May 17, 2019, consisting of fifty-two (52) documents. You received a third partial response on June 28, 2019, consisting of one hundred and forty-eight (148) documents. You received a fourth partial response on July 31, 2019, consisting of twenty-five (25) documents. You received the fifth partial response on August 30, 2019, consisting of one hundred and seven (107) documents. This letter serves as the sixth and final response for DOE.

At this time, DOE has located ninety-two (92) documents responsive to your request. Upon review, DOE has determined that certain information should be withheld pursuant to Exemptions 3, 4, 5, 6, and 7(E) of the FOIA, 5 U.S.C. § 552(b)(3), (b)(4), (b)(5), (b)(6), and (b)(7)(E). Thirteen documents, "Documents 8, 11, 15, 16, 17, 18, 20, 25, 27, 29, 34, 38 and 39 have been partially transferred to the Department of State. The Department of State will respond to you directly. One document, "Document 59", has been partially transferred to U.S. General Services Administration (GSA). GSA will respond to you directly.

Exemption 3 protects from disclosure information "specifically exempted from disclosure by statute (other than section 552(b) of this title), if that statute--(A)(i) requires that the matters be withheld from the public in such a manner as to leave no discretion on the issue; or (ii) establishes particular criteria for withholding or refers to particular types of matters to be withheld[.]" The National Security Act of 1947, 50 U.S.C. § 3001, *et seq.*, is one such statute that falls within the coverage of Exemption 3. See *CIA v. Sims*, 471 U.S. 159, 167 (1985) ("Section 102(d)(3) of the National Security Act of 1947, which calls for the Director of Central Intelligence to protect 'intelligence sources and methods,' clearly 'refers to particular types of matters,' 5 U.S.C. § 552(b)(3)(B), and thus qualifies as a withholding statute under Exemption 3.").

The Act permits the redactions of both sensitive unclassified information and classified information, such as intelligence methodology and intelligence and counterintelligence personnel involved in these activities. The information withheld under Exemption 3 consists of the name, phone number, email address, and other identifying information of a member of the intelligence community personnel, the disclosure of which could reveal the nature of intelligence activities.

Exemption 4 of the FOIA protects "trade secrets and commercial or financial information obtained from a person and privileged or confidential." 5 U.S.C. § 552(b)(4). This exemption is intended to protect the interests of both the Government and submitters of information. Exemption 4 affords protection to submitters who provide trade secrets, or commercial or financial information to the Government by safeguarding them from the

competitive disadvantages that could result from disclosure. The exemption covers two broad categories of information in Federal agency records: 1) trade secrets, and 2) information that is (a) commercial or financial and (b) obtained from a person, and (c) privileged or confidential.

Portions of the enclosed document that are withheld pursuant to Exemption 4 include sensitive commercial and financial information that is maintained in confidence by a company and that is not available in public sources. In the *Critical Mass* decision, the court drew a distinction between information that was voluntarily submitted to a federal agency versus an involuntary submission of information. *Critical Mass Energy Project v. NRC*, 975 F.2d 871 (D.C. Cir. 1992) (en banc). Under *Critical Mass*, voluntarily submitted information is categorically protected as "confidential information" provided it is information that is not "customarily disclosed" to the general public by the submitter. In this case, a news reporting company submitted reporting and analysis to DOE on a voluntary basis. This information is analyzed pursuant to the voluntary prong of the *Critical Mass* test.

The voluntarily submitted information withheld under Exemption 4 consists of proprietary information that is maintained in confidence by the submitter company and that is not customarily released to the general public. The information consists of reporting and analysis that are available only to subscribing members via a subscription with the appropriate company. Specifically, POLITICO requires an individual to subscribe to its services via a payment plan, which enables the subscriber to view certain articles and information. Portions of the email that includes such an article and information are therefore being withheld under Exemption 4 of the FOIA.

Exemption 5 protects "inter-agency or intra-agency memorandums or letters that would not be available by law to a party other than an agency in litigation with the agency." 5 U.S.C. § 552(b)(5). This exemption has been construed to exempt those documents normally privileged in the civil discovery context, such as attorney-client communications, attorney-work product documents, and deliberative process material.

The information withheld under Exemption 5's deliberative process privilege has been deemed pre-decisional and deliberative in nature, including pre-decisional discussions between DOE staff. The DOE may consider these preliminary views as part of the process that will lead to the agency's final decision about these matters. The information does not represent a final agency position, and its release would compromise the deliberative process by which the government makes its decisions. Withholding this information protects against the premature disclosure of proposed policies regarding energy-related matters, protects the candor of intra-agency communications, and prevents confusion to the public that could result from disclosing alternative rationales for agency decisions.

With respect to the discretionary disclosure of deliberative information, the quality of agency decisions would be adversely affected if frank, written discussion of policy matters were inhibited by the knowledge that the content of such discussion might be made public. For this reason, DOE has determined that discretionary disclosure of the deliberative material is not in the public interest because foreseeable harm could result from such disclosure.

In addition, these documents contain communications involving DOE attorneys and are being withheld under the attorney work-product and attorney client privileges. The information in these documents includes deliberations of litigation strategy and information prepared by attorneys in anticipation of litigation. Further, several documents contain confidential communications between DOE attorneys and the staff of the program office to which they provide legal advice.

Exemption 6 is generally referred to as the “personal privacy” exemption; it provides that the disclosure requirements of FOIA do not apply to “personnel and medical files and similar files the disclosure of which would constitute a clearly unwarranted invasion of personal privacy.” 5 U.S.C. § 552(b)(6). In applying Exemption 6, the DOE considered: 1) whether a significant privacy interest would be invaded; 2) whether the release of the information would further the public interest by shedding light on the operations or activities of the Government; and 3) whether in balancing the privacy interests against the public interest, disclosure would constitute a clearly unwarranted invasion of privacy.

The information withheld under Exemption 6 consists of personal information, cell numbers, certain email addresses, teleconference numbers and passcodes. This information qualifies as “similar files” because it is information in which an individual has a privacy interest. Moreover, releasing the information could subject the individuals to unwarranted or unsolicited communications. Since no public interest would be served by disclosing this information, and since there is a viable privacy interest that would be threatened by such disclosure, Exemption 6 authorizes withholding the information. Therefore, we have determined that the public interest in releasing this information does not outweigh the overriding privacy interests in keeping this information confidential.

Exemption 7(E) provides that, “records or information compiled for law enforcement purposes” may be withheld from disclosure, but only to the extent that the production of such documents “could disclose techniques and procedures for law enforcement investigations or prosecutions, or would disclose guidelines for law enforcement investigations or prosecutions if such disclosure could reasonably be expected to risk circumvention of the law.”

Portions of the enclosed documents that are withheld pursuant to Exemption 7(E) include sensitive information about DOE’s classified equipment. That information was compiled for preventative law enforcement and/or security purposes to prevent future illegal acts in the form of security intrusions. Because the redacted portions of those enclosed documents contain information about DOE’s preventative security techniques that could be used by an individual to obtain classified or sensitive information on DOE networks without authorization, we are withholding this information pursuant to Exemption 7(E).

This satisfies the standard set forth in the Attorney General’s March 19, 2009, memorandum that when a FOIA request is denied, agencies will be defended and justified in not releasing the material on a discretionary basis “if (1) the agency reasonably foresees that disclosure will harm an interest protected by one of the statutory exemptions, or (2) disclosure is prohibited by law.” The Attorney General’s memorandum also provides that whenever full disclosure of a record is not possible, agencies “must consider whether they can make a partial disclosure.” Thus, we have determined that, in certain instances, a partial disclosure is proper. This also satisfies

DOE's regulations at 10 C.F.R. § 1004.1 to make records available which it is authorized to withhold under 5 U.S.C. § 552 when it determines that such disclosure is in the public interest. Accordingly, we will not disclose this information.

Pursuant to 10 C.F.R. § 1004.7(b)(2), I am the individual responsible for the determination to withhold the information described above. The FOIA requires that "any reasonably segregable portion of a record shall be provided to any person requesting such record after deletion of the portions which are exempt," 5 U.S.C. § 552(b). As a result, a redacted version of the documents is being released to you in accordance with 10 C.F.R. § 1004.7(b)(3).

This decision may be appealed within 90 calendar days from your receipt of this letter pursuant to 10 C.F.R. § 1004.8. Appeals should be addressed to Director, Office of Hearings and Appeals, HG-1, L'Enfant Plaza, U.S. Department of Energy, 1000 Independence Avenue, S.W., Washington, D.C. 20585-1615. The written appeal, including the envelope, must clearly indicate that a FOIA appeal is being made. You may also submit your appeal to OHA.filings@hq.doe.gov, including the phrase "Freedom of Information Appeal" in the subject line. (This is the method preferred by the Office of the Hearings and Appeals.) The appeal must contain all of the elements required by 10 C.F.R. § 1004.8, including a copy of the determination letter. Thereafter, judicial review will be available to you in the Federal District Court either: 1) in the district where you reside; 2) where you have your principal place of business; 3) where DOE's records are situated; or 4) in the District of Columbia.

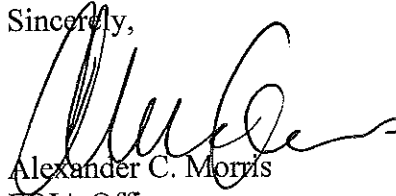
You may contact DOE's FOIA Public Liaison, Alexander Morris, FOIA Officer, Office of Public Information, at 202-586-5955, or by mail at MA-46/Forrestal Building, 1000 Independence Avenue, S.W., Washington, D.C. 20585, for any further assistance and to discuss any aspect of your request. Additionally, you may contact the Office of Government Information Services (OGIS) at the National Archives and Records Administration to inquire about the FOIA mediation services they offer. The contact information for OGIS is as follows: Office of Government Information Services, National Archives and Records Administration, 8601 Adelphi Road-OGIS, College Park, Maryland 20740-6001, e-mail at ogis@nara.gov; telephone at 202-741-5770; toll free at 1-877-684-6448; or facsimile at 202-741-5769.

The FOIA provides for the assessment of fees for the processing of requests. *See* 5 U.S.C. § 552(a)(4)(A)(i); *see also* 10 C.F.R. § 1004.9(a). In our August 16, 2018, letter, you were advised that your request was placed in the "scientific" category for fee purposes. Requesters in this category are charged fees for duplication only and are provided 100 pages at no cost. In that same letter, you were informed that your fee waiver request was granted. Therefore, no fees will be charged for processing your request.

If you have questions about the processing of the request or this letter, please contact Ms. Auburn Finney in this office at MA-46/Forrestal Building, 1000 Independence Avenue, S.W., Washington, D.C. 20585, or at (202) 586-5955.

I appreciate the opportunity to assist you with this matter.

Sincerely,

A handwritten signature in black ink, appearing to read 'Alex Morris', written over the printed name.

Alexander C. Morris
FOIA Officer
Office of Public Information

Enclosures

INDEX

Request #: HQ-2018-01436-F

Final response to the request from Mr. Gomberg for:

All emails, email attachments, or calendar invitations/entries sent or received by the following people:

- a. Brian McCormack
- b. Mark Menezes
- c. Steve Winberg
- d. Mark Maddox
- e. Sean Plasynski
- f. Bruce Walker
- g. Edward McGinnis
- h. Theodore Garrish
- i. Martin Dannenfelser
- j. Jennifer Loraine
- k. Daniel Simmons
- l. Sean Cunningham
- m. Shaylyn Hynes

Provide records from May 30, 2018 to June 5, 2018.

In an email dated February 14, 2019, Hart Wood, on behalf of Union of Concerned Scientists (UCS), wrote concerning this request that “UCS agrees to limit the search and review to emails sent by the listed custodians, with the condition that the review and production still include the emails in the chain below those sent emails. Furthermore, as with the rest of the attachments, UCS may in the future request specific emails and/or attachments sent to the listed custodians.” In the same email, Mr. Wood stated, “DOE may exclude Edward McGinnis, Theodore Garrish, Daniel Simmons, Martin Dannenfelser, and Jennifer Loraine as custodians.”

At this time, DOE has identified ninety-two (92) additional documents responsive to your request

- Thirty-three (33) documents *are being released in their entirety.*
- Forty-five (45) documents *are being released in part* pursuant to Exemptions 3 4, 5, 6, 7 and/or 7E.
- Thirteen (13) documents *are being released in part pursuant to Exemptions 3, 4, 5, 6, and or 7E and being transferred in part to the Department of State.* The Department of State will respond to you separately.
- One (1) document *is being released without redaction on DOE equities and transferred to U.S. General Services Administration (GSA).* GSA will respond to you separately.

Rodriguez, Susan (CONTR)

From: Winberg, Steven
Sent: Tuesday, May 29, 2018 5:09 PM
To: Varnasidis, Sophia; Maddox, Mark
Subject: RE: NETL

He's an economist so I'm sure he can.

From: Varnasidis, Sophia <Sophia.Varnasidis@hq.doe.gov>
Date: Tuesday, May 29, 2018, 7:07 PM
To: Winberg, Steven <Steven.Winberg@hq.doe.gov>, Maddox, Mark <MRMaddox@hq.doe.gov>
Subject: RE: NETL

More economic analysis, but perhaps Peter can lead us in the right direction. I'll talk to Sean tomorrow, thanks. Safe travels!!

From: Winberg, Steven
Sent: Tuesday, May 29, 2018 8:01 PM
To: Varnasidis, Sophia <Sophia.Varnasidis@hq.doe.gov>; Maddox, Mark <MRMaddox@hq.doe.gov>
Subject: RE: NETL

Just leaving for China. We put Sean C. in touch with Peter Balash at NETL today. Peter is expert on generation analysis. He lead the Bimb Cycline report. Is this what you are asking for?

From: Varnasidis, Sophia <Sophia.Varnasidis@hq.doe.gov>
Date: Tuesday, May 29, 2018, 6:57 PM
To: Winberg, Steven <Steven.Winberg@hq.doe.gov>, Maddox, Mark <MRMaddox@hq.doe.gov>
Subject: NETL

Gentlemen,
I need to discuss a NETL contact tomorrow regarding a study. Please call me anytime after 9am to discuss. Thank you
Sophia

SOPHIA A. VARNASIDIS
Chief of Staff
Office of the Under Secretary of Energy

U.S. Department of Energy
1000 Independence Ave., SW
Washington, DC 20585
(202) 586-0057

Rodriguez, Susan (CONTR)

From: Winberg, Steven
Sent: Wednesday, May 30, 2018 7:35 AM
To: Plasynski, Sean (NETL)
Subject: RE: Ring me when you can

8 pm eastern on Wed will work. That is 8 am China time

From: Plasynski, Sean I. <Sean.Plasynski@NETL.DOE.GOV>
Date: Wednesday, May 30, 2018, 9:55 PM
To: Winberg, Steven <Steven.Winberg@hq.doe.gov>
Subject: Re: Ring me when you can

Steve - just found out that you were enroute to China yesterday.

I am 4-hrs behind ET here is Alaska and I think you are probably about 12 hours ahead of ET so probably late for you right now. Most of my activities will be done in about 10 hrs (~8 pm ET) which I think is around mid morning your time (if I did all adjustments correctly) if that time works for you.

Thanks,

Sean

> On May 29, 2018, at 7:31 AM, Winberg, Steven <Steven.Winberg@hq.doe.gov> wrote:
>
> Not an emergency. Ring my DOE cell
>
>

Rodriguez, Susan (CONTR)

From: Winberg, Steven
Sent: Wednesday, May 30, 2018 3:03 PM
To: Macintyre, Douglas; Maddox, Mark
Cc: Vincent, Kenneth
Subject: RE: Delegation of Authority for LE2 Project

We can discuss this at the same meeting where we discuss the late reports

From: Macintyre, Douglas <douglas.macintyre@hq.doe.gov>
Date: Thursday, May 31, 2018, 4:48 AM
To: Maddox, Mark <MRMaddox@hq.doe.gov>, Winberg, Steven <Steven.Winberg@hq.doe.gov>
Cc: Vincent, Kenneth <Kenneth.Vincent@Hq.Doe.Gov>
Subject: Delegation of Authority for LE2 Project

Mark and Steve,

As a major capital project, the Life Extension Phase II Project falls under DOE Order 413.3B. This order states that a project of this size has the Secretarial Acquisition Executive at the S-2 level. However, at the next meeting of the Energy Systems Advisory Acquisition Board (ESAAB) meeting in August, (b) (5)

I'm sorry about letting you know about this now, as we thought we would have a lot more time to prep you on it, but I'm happy to come brief you on this plan (along with Pete Bako from PM) if you wish.

Doug

Rodriguez, Susan (CONTR)

From: Winberg, Steven
Sent: Wednesday, May 30, 2018 5:46 PM
To: Maddox, Mark; Smith, Robert J; Sweeney, Amy; Bennett, Shawn
Subject: Chinese LNG Investment

(b) (5)

From: Maddox, Mark <MRMaddox@hq.doe.gov>
Date: Thursday, May 31, 2018, 12:14 AM
To: Winberg, Steven <Steven.Winberg@hq.doe.gov>, Bennett, Shawn <Shawn.Bennett@hq.doe.gov>, Smith, Robert J <RobertJ.Smith@Hq.Doe.Gov>, Sweeney, Amy <Amy.Sweeney@hq.doe.gov>
Subject: Can Liquefied Natural Gas Solve the Trade Deficit? | RealClearEnergy

FYI

https://www.realclearenergy.org/articles/2018/05/30/liquefied_natural_gas_and_the_us_trade_deficit_110295.html

Rodriguez, Susan (CONTR)

From: Winberg, Steven
Sent: Thursday, May 31, 2018 1:34 AM
To: (b)(3)
Subject: RE: Financial Gift

Theresa

I do not believe that I heard back from you on this issue. Is there anything more that I need to do to comply with SCI reporting requirements?

From: Winberg, Steven <Steven.Winberg@hq.doe.gov>
Date: Tuesday, May 22, 2018, 1:20 AM
To: (b)(3)
Subject: Financial Gift

Theresa

In accordance with, what I believe are my SCI reporting requirements, (b) (6)

Other than this email, are there any additional reporting requirements?

Thank you,
Steven Winberg

Rodriguez, Susan (CONTR)

From: Winberg, Steven
Sent: Thursday, May 31, 2018 1:38 AM
To: (b)(3)
Subject: RE: TSA Pre Check Request

Theresa
Is my security request underway? Can you tell me when I can expect TSA Pre Check?
Thank you,
Steve

From: Winberg, Steven <Steven.Winberg@hq.doc.gov>
Date: Tuesday, May 22, 2018, 1:23 AM
To: (b)(3)
Subject: TSA Pre Check Request

Theresa
I was told that you can submit my name for TSA Pre Check. On occasion, I do get Pre Check but it seems to be somewhat random.
Thank you for your assistance.
Steven Winberg

Rodriguez, Susan (CONTR)

From: Winberg, Steven
Sent: Thursday, May 31, 2018 5:10 AM
To: Vamasidis, So
Subject: Ring me at (b) (6)

Rodriguez, Susan (CONTR)

From: Winberg, Steven
Sent: Thursday, May 31, 2018 5:14 AM
To: Smith, Robert J;Fu, Helena W (Embassy Beijing);Bennett, Shawn
Cc: Vincent, Kenneth;Storch, Thomas;Yu, Alan
Subject: RE: (b) (5) questions for follow up
Attachments: IMG_0001.JPG; IMG_0002.JPG

Rob

Attached pics of the page in question. See footnote

From: Smith, Robert J <RobertJ.Smith@Hq.Doe.Gov>
Date: Thursday, May 31, 2018, 8:04 PM
To: Fu, Helena W (Embassy Beijing) <FuHW@state.gov>, Bennett, Shawn <Shawn.Bennett@hq.doe.gov>
Cc: Winberg, Steven <Steven.Winberg@hq.doe.gov>, Vincent, Kenneth <Kenneth.Vincent@Hq.Doe.Gov>, Storch, Thomas <Thomas.Storch@hq.doe.gov>, Yu, Alan <Alan.Yu@Hq.Doe.Gov>
Subject: RE: (b) (5) questions for follow up

Helena - Can you send the document that you are referring to below?

Thanks,
Rob

State Equity

State Equity

Rodriguez, Susan (CONTR)

From: Winberg, Steven
Sent: Thursday, May 31, 2018 5:35 AM
To: (b)(3)
Subject: Financial Gift

In accordance with, what I believe are my SCI reporting requirements, (b) (6)

in non-energy investments. This money was deposited in my (b) (6) and will be invested

Rodriguez, Susan (CONTR)

From: Winberg, Steven
Sent: Thursday, May 31, 2018 3:12 PM
To: Vincent, Kenneth; Maddox, Mark; Conrad, Regis; Kokkinos, Angelos
Subject: FW: (b) (5)
Attachments: (b) (5)

Not sure if you are in the list do forwarding to you.

From: Dunlevy, Mike W. EOP/OSTP (b) (6)

Date: Friday, Jun 01, 2018, 6:05 AM

To: briankg@ucia.gov <briankg@ucia.gov>, salim.bhabhrawala@trade.gov <salim.bhabhrawala@trade.gov>, john.bonevich@nist.gov <john.bonevich@nist.gov>, brandon.elsner@noaa.gov <brandon.elsner@noaa.gov>, Zhen.Gong-Cross@trade.gov <Zhen.Gong-Cross@trade.gov>, Tshanda.Kalombo@trade.gov <Tshanda.Kalombo@trade.gov>, eric.lin@nist.gov <eric.lin@nist.gov>, John.Meakem@trade.gov <John.Meakem@trade.gov>, smontes@doc.gov <smontes@doc.gov>, dianne.poster@nist.gov <dianne.poster@nist.gov>, RRubinovitz@doc.gov <RRubinovitz@doc.gov>, robert.shull@nist.gov <robert.shull@nist.gov>, gary.stanley@trade.gov <gary.stanley@trade.gov>, julie.christodoulou@navy.mil <julie.christodoulou@navy.mil>, brian.gabriel@dla.mil <brian.gabriel@dla.mil>, nicholas.karvonides.civ@mail.mil <nicholas.karvonides.civ@mail.mil>, Kenny.lipkowitz@navy.mil <Kenny.lipkowitz@navy.mil>, Richard.Lowden@dla.mil <Richard.Lowden@dla.mil>, eric.mata@dla.mil <eric.mata@dla.mil>, david.pineault@dla.mil <david.pineault@dla.mil>, thomas.rasmussen@dla.mil <thomas.rasmussen@dla.mil>, paula.stead@dla.mil <paula.stead@dla.mil>, jean.morrow@ed.gov <jean.morrow@ed.gov>, Bauer,Diana@hq.doe.gov <Bauer,Diana@hq.doe.gov>, Bockenbauer,Samuel@EE.DOE.Gov <Bockenbauer,Samuel@EE.DOE.Gov>, Clement,Zachary@Hq.Doe.Gov <Clement,Zachary@Hq.Doe.Gov>, Conrad,Regis@Hq.Doe.Gov <Conrad,Regis@Hq.Doe.Gov>, Fields,Fletcher@Hq.Doe.Gov <Fields,Fletcher@Hq.Doe.Gov>, Fitzsimmons,Alexander@ee.doe.gov <Fitzsimmons,Alexander@ee.doe.gov>, Forbes,Sarah@hq.doe.gov <Forbes,Sarah@hq.doe.gov>, Gillo,Jehanne@science.doe.gov <Gillo,Jehanne@science.doe.gov>, Glaser,Joseph@science.doe.gov <Glaser,Joseph@science.doe.gov>, Hardy,David@EE.Doc.Gov <Hardy,David@EE.Doc.Gov>, Horton,Linda@science.doe.gov <Horton,Linda@science.doe.gov>, Ivester,Robert@ee.Doe.Gov <Ivester,Robert@ee.Doe.Gov>, Johnson,Mark.A@ee.doe.gov <Johnson,Mark.A@ee.doe.gov>, Angelos.Kokkinos@hq.doe.gov <Angelos.Kokkinos@hq.doe.gov>, Kumar,Amishi@hq.doe.gov <Kumar,Amishi@hq.doe.gov>, Li,Jennifer@Hq.Doe.Gov <Li,Jennifer@Hq.Doe.Gov>, Mayes,Fred@EIA <Mayes,Fred@EIA>, McKittrick,Michael@EE.Doe.Gov <McKittrick,Michael@EE.Doe.Gov>, McMahon,Katherine@hq.doe.gov <McMahon,Katherine@hq.doe.gov>, Mengers,Joshua@EE.Doe.Gov <Mengers,Joshua@EE.Doe.Gov>, Reinhardt,Timothy@hq.doe.gov <Reinhardt,Timothy@hq.doe.gov>, Rohlfing,Eric@Hq.Doe.Gov <Rohlfing,Eric@Hq.Doe.Gov>, Ross,Steven@em.doe.gov <Ross,Steven@em.doe.gov>, Schwartz,Andrew@science.doe.gov <Schwartz,Andrew@science.doe.gov>, Sherman,Nicholas@hq.doe.gov <Sherman,Nicholas@hq.doe.gov>, Solan,David@hq.doe.gov <Solan,David@hq.doe.gov>, holly.thomas@ee.doe.gov <holly.thomas@ee.doe.gov>, Winberg,Steven@hq.doe.gov <Winberg,Steven@hq.doe.gov>, jbarry@usgs.gov <jbarry@usgs.gov>, kbenedetto@blm.gov <kbenedetto@blm.gov>, jbrainard@usgs.gov <jbrainard@usgs.gov>, mcosca@usgs.gov <mcosca@usgs.gov>, terafford@usgs.gov <terafford@usgs.gov>, rdeery@blm.gov <rdeery@blm.gov>, dbdiamond@usgs.gov <dbdiamond@usgs.gov>, sfortier@usgs.gov <sfortier@usgs.gov>, jgambogi@usgs.gov <jgambogi@usgs.gov>, agulley@usgs.gov <agulley@usgs.gov>, Amy.Holley@ios.doi.gov <Amy.Holley@ios.doi.gov>, paul.knorr@boem.gov <paul.knorr@boem.gov>, mleveret@blm.gov <mleveret@blm.gov>, emccullough@usgs.gov <emccullough@usgs.gov>, hmengestu@usgs.gov <hmengestu@usgs.gov>, amerrill@blm.gov <amerrill@blm.gov>, nnassar@usgs.gov <nnassar@usgs.gov>, druss@usgs.gov <druss@usgs.gov>, tim.spisak@blm.gov <tim.spisak@blm.gov>, stextoris@usgs.gov <stextoris@usgs.gov>, sxun@usgs.gov <sxun@usgs.gov>, sean.carman@usdoj.gov <sean.carman@usdoj.gov>, peter.mcveigh@usdoj.gov <peter.mcveigh@usdoj.gov>, frederick.turner@usdoj.gov <frederick.turner@usdoj.gov>, francart.william@dol.gov <francart.william@dol.gov>, Babb-Brott, Deerin S. EOP/OSTP (b) (6) >, Derentz, Landon R. EOP/NSC (b) (6) >, Dunlevy, Mike W. EOP/OSTP (b) (6) >, Glazer, Josh S. EOP/OMB <Joshua.S.Glazer@omb.eop.gov>, Kontos, Chloe C. EOP/OSTP (b) (6) >, McCartin, Terry J. EOP/USTR (b) (6) >, Noble, Erik U. EOP/OSTP (b) (6) >, Prandoni, Christopher D. EOP/CEQ (b) (6) >, Dick, John H. EOP/OMB

<John.H.Dick@omb.eop.gov>, Bar-Shalom, Tali EOP/OMB <Avital.Bar-Shalom@omb.eop.gov>, Ray, Aaron D. EOP/OMB <Aaron.D.Ray@omb.eop.gov>, bahadori.tina@epa.gov <bahadori.tina@epa.gov>, Johnston.Khanna@epamail.epa.gov <Johnston.Khanna@epamail.epa.gov>, Sayles.Gregory@epa.gov <Sayles.Gregory@epa.gov>, Senthil.velu@epa.gov <Senthil.velu@epa.gov>, robert.carr@usitc.gov <robert.carr@usitc.gov>, Karl.tsuji@usitc.gov <Karl.tsuji@usitc.gov>, john.h.vickers@nasa.gov <john.h.vickers@nasa.gov>, sesperan@nsf.gov <sesperan@nsf.gov>, bhamilto@nsf.gov <bhamilto@nsf.gov>, cajatigp@state.gov <cajatigp@state.gov>, HueperPF@state.gov <HueperPF@state.gov>, o'briengj@state.gov <o'briengj@state.gov>, TuminaroKV@state.gov <TuminaroKV@state.gov>, UddinSD@state.gov <UddinSD@state.gov>, VentlingAR@state.gov <VentlingAR@state.gov>, Fierst-WalshPD@state.gov <Fierst-WalshPD@state.gov>, WhiteLA2@state.gov <WhiteLA2@state.gov>, peter.chipman@dot.gov <peter.chipman@dot.gov>, tony.padilla@dot.gov <tony.padilla@dot.gov>, dwbergendorf@fs.fed.us <dwbergendorf@fs.fed.us>, nedouglas@fs.fed.us <nedouglas@fs.fed.us>, pjohanson02@fs.fed.us <pjohanson02@fs.fed.us>, dmcgee@fs.fed.us <dmcgee@fs.fed.us>, cnababe@fs.fed.us <cnababe@fs.fed.us>, tparker03@fs.fed.us <tparker03@fs.fed.us>, Greg.Carnevale@hq.dhs.gov <Greg.Carnevale@hq.dhs.gov>, estelle.faulkner@associates.hq.dhs.gov <estelle.faulkner@associates.hq.dhs.gov>, susan.stevens@hq.dhs.gov <susan.stevens@hq.dhs.gov>
Subject: (b) (5)

All,

Please see the below note from the NSTC Executive Director, which I mentioned in today's meeting. Also, please provide me with comments on the draft work plan by COB Wednesday (attached). We will be sending out action items and minutes from today's meeting early next week.

Respectfully,

-Mike

Dear NSTC members,

On February 1st, OSTP convened senior level executives from across the federal Government to discuss how the NSTC could better support top S&T priorities for Departments and Agencies that require interagency coordination. Based on that feedback, we have made several changes including updating the groups to align with Administration and agency priorities. Overall, we want to ensure that NSTC is more action-oriented in the future while still encouraging interagency coordination.

NSTC asked agencies to re-appoint appropriate agency personnel to each NSTC Subcommittee and Working Group, and it is still in the process of updating membership for some groups. (b) (5)

Please note that in the interim, all NSTC charters have been extended until July 15th (see attachment). (b) (5)

Thank you for your continued hard work and dedication to your respective NSTC Subcommittees and Working Groups. The NSTC appreciates your patience and contributions as we move forward in the next phase of its operations. Ensuring that this process runs as smoothly as possible is a priority for OSTP and we want to ensure that the NSTC remains a valuable tool for the S&T community.

Sincerely,

Chloe Kontos
Executive Director, National Science and Technology Council
Office of Science and Technology Policy
Executive Office of the President

(b) (6)

Rodriguez, Susan (CONTR)

From: Winberg, Steven
Sent: Thursday, May 31, 2018 3:28 PM
To: Vincent, Kenneth;Fu, Helena W (Embassy Beijing);Bennett, Shawn;Smith, Robert J
Cc: Storch, Thomas;Yu, Alan
Subject: RE: (b) (5) questions for follow up

(b) (5)

From: Vincent, Kenneth <Kenneth.Vincent@Hq.Doe.Gov>
Date: Friday, Jun 01, 2018, 4:54 AM
To: Fu, Helena W (Embassy Beijing) <FuHW@state.gov>, Bennett, Shawn <Shawn.Bennett@hq.doe.gov>, Smith, Robert J <RobertJ.Smith@Hq.Doe.Gov>
Cc: Winberg, Steven <Steven.Winberg@hq.doe.gov>, Storch, Thomas <Thomas.Storch@hq.doe.gov>, Yu, Alan <Alan.Yu@Hq.Doe.Gov>
Subject: RE: (b) (5) questions for follow up

Helena,

See the attached email from John Conti at EIA. Let me know if you need anything else.

Best,

Ken

Kenneth R. Vincent, Ph.D.
Chief of Staff
Office of Fossil Energy
U.S. Department of Energy
Phone: (202) 586-6244

State Equity

State Equity

Rodriguez, Susan (CONTR)

From: Winberg, Steven
Sent: Thursday, May 31, 2018 3:31 PM
To: Desouza, Shannon (CONTR); Kokkinos, Angelos
Cc: Loman, Carol (CONTR)
Subject: RE: Proposed Agenda for FE Assistant Secretary Steve Weinberg's Visit to Smart Neighborhood Micro grid and NCCC June 13-14

Looks good and yes, happy to address nccc staff and take questions

From: Desouza, Shannon (CONTR) <Shannon.Desouza@Hq.Doe.Gov>
Date: Friday, Jun 01, 2018, 3:24 AM
To: Winberg, Steven <Steven.Winberg@hq.doe.gov>, Kokkinos, Angelos <Angelos.Kokkinos@hq.doe.gov>
Cc: Loman, Carol (CONTR) <CAROL.LOMAN@HQ.DOE.GOV>
Subject: Proposed Agenda for FE Assistant Secretary Steve Weinberg's Visit to Smart Neighborhood Micro grid and NCCC June 13-14

Hi Steve and Angelos,

Please advise if the proposed agenda below for your visit to Smart Neighborhood Micro grid and NCCC June 13-14 looks good to you so that we can finalize the details. Steve-per below would you be interested in addressing the NCCC staff and participate in a short Q&A? (30 minute - 1 hour)?

Proposed agenda:

June 13

- afternoon (1p-4p) Discussion with Southern Company R&D management and tour Smart Neighborhood
 - Smart Neighborhood is located Reynolds Landing, 2045 Melton Road, Hoover, AL 35226 - take a left into the neighborhood, take the first left onto Samuel Pass and then go to unit 2177
- 6p Dinner Seasons 52 Summit

June 14

- 9a-noon NCCC overview and tour
- Would Sec. Winberg be interested in addressing the NCCC staff and participate in a short Q&A? (30 minute - 1 hour)?

Thank you,
Shannon

Rodriguez, Susan (CONTR)

From: Winberg, Steven
Sent: Thursday, May 31, 2018 3:33 PM
To: Balash, Peter (NETL); Maddox, Mark
Subject: RE: S.1460 still being discussed 5 weeks ago

Please do so

From: Balash, Peter C. <Peter.Balash@NETL.DOE.GOV>
Date: Friday, Jun 01, 2018, 2:54 AM
To: Winberg, Steven <Steven.Winberg@hq.doe.gov>, Maddox, Mark <MRMaddox@hq.doe.gov>
Subject: FW: S.1460 still being discussed 5 weeks ago

Buried in S.1460 is a proposal to look at a FEED study for CBTX; coal/blomass to chemicals, fuels, etc., (b) (5)
Ken can put together the story. Would you want it?

From: Kern, Kenneth C.
Sent: Thursday, May 31, 2018 1:44 PM
To: Balash, Peter C. <Peter.Balash@NETL.DOE.GOV>
Subject: S.1460 still being discussed 5 weeks ago

as mentioned...

Infrastructure

For all of President Trump's promises of a \$1.5 trillion infrastructure push, there are few concrete signs of tangible progress.

The president last month acknowledged that the push would likely have to wait until after the elections, and Senate Environment and Public Works Chairman John Barrasso (R-Wyo.) was noncommittal about timing last week.

"We're still working on the details," Barrasso told E&E News.

Carper, who for months has signaled frustration over the slow pace of the push, said last week he's not giving up on the effort.

"I think for a year and a half everybody has agreed that we ought to do a major infrastructure bill, including a real focus on transportation," he told E&E News. "And the idea that somehow we're not going to have time to do that or be able to agree on anything is just mind-boggling."

Murkowski, who has eyed the infrastructure push as a vehicle to carry the bipartisan energy package, S. 1460, which she assembled with ranking member Maria Cantwell (D-Wash.), said last week that she was keeping her legislative options open.

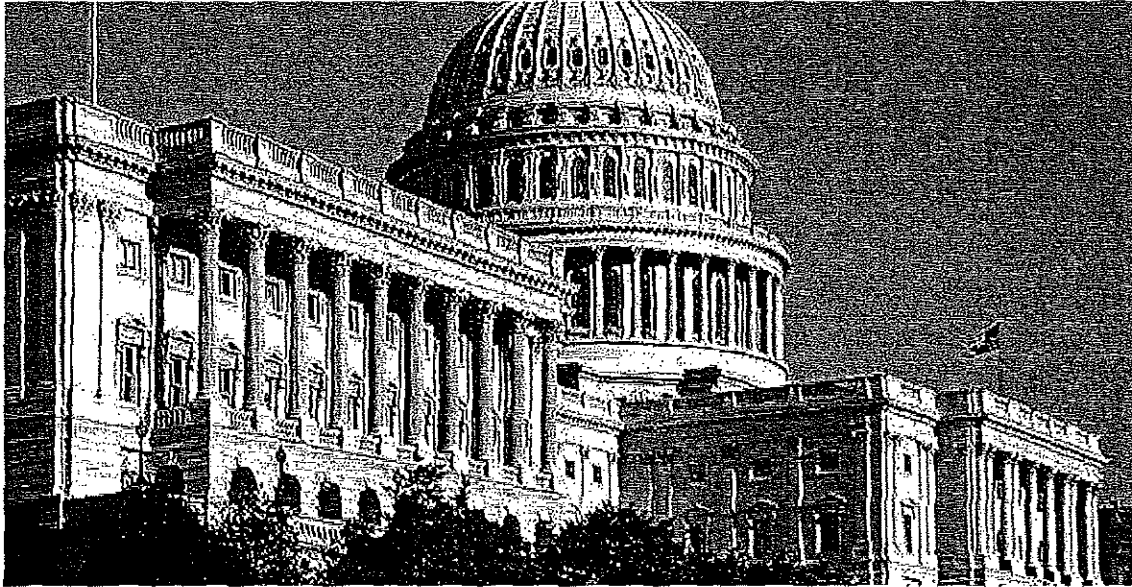
"We think it's perfectly suited" for the infrastructure bill, Murkowski told reporters after a hearing. "Whether or not that is going to materialize is anybody's question right now. I don't want to bank on that. I keep saying we have multiple tracks to pursue this."

AGENDA

To-do list grows as clock ticks toward November

Geof Koss, E&E News reporter

Published: Friday, April 27, 2018



Congress has a long to-do list after recess, including spending bills. UpstateNYer/Wikipedia

As the clock ticks toward November, Congress' legislative ambition once again finds itself on a crash course with election-year realities.

While the work continues on a number of unfinished big-ticket agenda items, the approach of the Nov. 6 midterm elections means lawmakers will spend more time away from the Capitol — and just as much time protecting themselves from the political perils of legislating when in town.

"If you believe the conventional wisdom around here, it's done," Senate Energy and Natural Resources Chairwoman Lisa Murkowski (R-Alaska) said of the legislative outlook for the rest of the year, shaking her head.

"Think about that: to say that we're really done legislating when you still have eight months left in your year, to just put everything on hold because of elections."

While the postelection lame-duck session is when the fates of multiple bills are likely to be resolved, the anticipated punt on key issues rankles lawmakers like Sen. Tom Carper of Delaware, the top Democrat on the Environment and Public Works Committee.

"There ought to be plenty of stuff that we can agree on," Carper told E&E News last week. "We shouldn't just show up for work and get a paycheck. We ought to work and get things done. And that's what I'm focused on."

The endgame remains unclear, but much of the next few months will be spent laying the legislative groundwork for that final push. Here are a few agenda items to watch:

Appropriations

Aided by a two-year budget deal, top House and Senate appropriators huddled this week to outline a strategy toward completing as much of the annual spending process as possible before the elections.

Newly minted Senate Appropriations Chairman Richard Shelby (R-Ala.) told reporters that early efforts would focus on passing a handful of the less-controversial bills.

"Right now, we're trying to look at maybe four or five bills that we could pass and not set off fireworks and see how we do," Shelby said.

Republicans are hoping to enlist Democratic support for a plan to allow the spending bills to get to the floor for debate.

"I'm hopeful that our colleagues on the other side will work with us to get them to the floor, offer amendments, debate them and vote on them," Sen. John Hoeven (R-N.D.), who chairs the Agriculture, Rural Development, Food and Drug Administration, and Related Agencies Appropriations Subcommittee, said last week.

Despite stated support by members of both parties for a return to regular order for appropriations, Shelby acknowledged the hurdles that lie ahead.

"A lot of us are going to have to show some discipline to not offer amendments just to cripple the bill," he said.

House Speaker Paul Ryan (R-Wis.) told reporters yesterday he wants to work with the Senate on fiscal 2019 appropriations, saying he and Senate Majority Leader Mitch McConnell (R-Ky.) "have talked about this quite a bit lately."

Ryan said there was a meeting planned with House members on the topic. "What we want to do is try and get appropriations bills in law before the fiscal year deadline," the speaker said.

Ryan said he wants to see a "functioning" appropriations process where the two chambers pass bills, go to conference and the appropriators "reconcile those bills" and enact them into law.

He added he was "excited about a new sense of commitment to this process" and that he believed "a lot" of the fiscal 2019 appropriations bills would be bipartisan.

Even if comity prevails, Congress is widely expected to simply extend current spending levels past the election through a continuing resolution, punting tough decisions into a lame-duck session when it's clear which parties will control the levers of power in the 115th Congress.

House appropriators advanced the military construction and veterans spending bill yesterday. Many more are due after recess.

Infrastructure

For all of President Trump's promises of a \$1.5 trillion infrastructure push, there are few concrete signs of tangible progress.

The president last month acknowledged that the push would likely have to wait until after the elections, and Senate Environment and Public Works Chairman John Barrasso (R-Wyo.) was noncommittal about timing last week.

"We're still working on the details," Barrasso told E&E News.

Carper, who for months has signaled frustration over the slow pace of the push, said last week he's not giving up on the effort.

"I think for a year and a half everybody has agreed that we ought to do a major infrastructure bill, including a real focus on transportation," he told E&E News. "And the idea that somehow we're not going to have time to do that or be able to agree on anything is just mind-boggling."

Murkowski, who has eyed the infrastructure push as a vehicle to carry the bipartisan energy package, S. 1460, which she assembled with ranking member Maria Cantwell (D-Wash.), said last week that she was keeping her legislative options open.

"We think it's perfectly suited" for the infrastructure bill, Murkowski told reporters after a hearing. "Whether or not that is going to materialize is anybody's question right now. I don't want to bank on that. I keep saying we have multiple tracks to pursue this."

However, members of both parties are more optimistic about the upcoming Water Resources Development Act bill, a popular measure that authorizes water projects affecting nearly every member's district.

"I think that's absolutely critical, given all the needs, certainly in Michigan and all across the country," said Michigan Democratic Sen. Debbie Stabenow.

Barrasso said EPW Republicans are working with Democrats on the bill, which he hopes to advance in the coming weeks.

Farm bill

Another must-pass measure is the farm bill, which touches large swaths of rural America as well as urban areas.

Stabenow, the top Democrat on the Senate Agriculture, Nutrition and Forestry Committee, said she and Chairman Pat Roberts (R-Kan.) are "committed to getting this done" but acknowledged tough roads ahead, given a host of controversial policies in the House bill.

"It's always complicated," Stabenow said, noting that she has worked on multiple farm bills on both sides of the Capitol since being elected to the House in 1996. "I've never seen this."

Among the issues that must be sorted out with the House are disputed provisions over forest management and conservation programs (*E&E Daily*, April 18).

Hoeven, a member of the committee, called the farm bill a top priority for the year but acknowledged "it always gets tougher as we get closer to the election season."

There's also the likelihood that lawmakers will look to attach unrelated measures to the farm bill if it in fact gets moving.

Murkowski said last week that at least some provisions of her bipartisan energy bill could find a home there. "It's an option, maybe not for everything," she said.

Taxes, trade

Another key issue that may or may not see some resolution before the end of the year is the fate of a number of energy tax breaks for biofuels, alternative vehicles and energy efficiency, among others.

A hard-fought deal earlier this year extended most of the credits retroactively for 2017, ranking supporters from both parties, including many Senate Republicans on the Finance Committee, who were pushing for the breaks to be included for 2018 as well (*E&E Daily*, Feb. 9).

Sen. John Thune (R-S.D.), a member of the Finance panel who wanted a longer extension, said this week that the issue could flare up again in the upcoming debate over reauthorizing the Federal Aviation Administration — an outcome he would prefer to avoid to prevent that bill from becoming bogged down.

"But I'm hoping that we can do an extenders package as a separate exercise later in the year, and maybe that hitches a ride on whatever the year-end vehicle is," he told E&E News.

Another wild card issue that could come to a head before the end of the year is the Trump administration's push to negotiate a new North American Free Trade Agreement.

The high-stakes effort is being closely watched in part because it would allow implementing legislation to pass the Senate by a simple majority — a procedural advantage that conservatives are hoping to use to enact sweeping regulatory reform bills (*E&E Daily*, April 17).

Reporter Kellie Lunney contributed.

Rodriguez, Susan (CONTR)

From: Winberg, Steven
Sent: Thursday, May 31, 2018 5:40 PM
To: Brouillette, Dan; Menezes, Mark; McCormack, Brian
Cc: Maddox, Mark; Storch, Thomas
Subject: RE: (b) (5) Day 1 Summary

(b) (5)

Overall, good team!

From: Brouillette, Dan <Dan.Brouillette@hq.doe.gov>
Date: Thursday, May 31, 2018, 11:14 PM
To: Winberg, Steven <Steven.Winberg@hq.doe.gov>, Menezes, Mark <Mark.Menezes@hq.doe.gov>, McCormack, Brian <Brian.Mccormack@hq.doe.gov>
Cc: Maddox, Mark <MRMaddox@hq.doe.gov>, Storch, Thomas <Thomas.Storch@hq.doe.gov>
Subject: RE: (b) (5) - Day 1 Summary

Thanks for update and agree with Mark's comment. (b) (5)

From: Winberg, Steven <Steven.Winberg@hq.doe.gov>
Date: Thursday, May 31, 2018, 10:41 AM
To: Brouillette, Dan <Dan.Brouillette@hq.doe.gov>, Menezes, Mark <Mark.Menezes@hq.doe.gov>, McCormack, Brian <Brian.Mccormack@hq.doe.gov>
Cc: Maddox, Mark <MRMaddox@hq.doe.gov>, Storch, Thomas <Thomas.Storch@hq.doe.gov>
Subject: (b) (5) - Day 1 Summary

(b) (5)

(b) (5)

Please let me know if you have any questions or comments. More to follow tomorrow.

Rodriguez, Susan (CONTR)

From: Winberg, Steven
Sent: Friday, June 01, 2018 6:12 AM
To: Maddox, Mark
Subject: RE: (b) (5)

It is but somewhat exhausting. Lots to chat about next week.
How are you feeling? (b) (6)

From: Maddox, Mark <MRMaddox@hq.doe.gov>
Date: Friday, Jun 01, 2018, 8:29 PM
To: Winberg, Steven <Steven.Winberg@hq.doe.gov>
Subject: FW: (b) (5)

Okay, this has to be very cool!

From: Yu, Alan <Alan.Yu@Hq.Doe.Gov>
Date: Friday, Jun 01, 2018, 7:17 AM
To: Fu, Helena W (Embassy Beijing) <FuHW@state.gov>, Vincent, Kenneth <Kenneth.Vincent@Hq.Doe.Gov>, Bennett, Shawn <Shawn.Bennett@hq.doe.gov>, Smith, Robert J <RobertJ.Smith@Hq.Doe.Gov>
Cc: Winberg, Steven <Steven.Winberg@hq.doe.gov>, Storch, Thomas <Thomas.Storch@hq.doe.gov>, DiGiulian, Maria <Maria.DiGiulian@Hq.Doe.Gov>, Sweeney, Amy <Amy.Sweeney@hq.doe.gov>, Beatty, Samuel <Samuel.Beatty@Hq.Doe.Gov>, Maddox, Mark <MRMaddox@hq.doe.gov>, Urbanas, Elizabeth <Elizabeth.Urbanas@Hq.Doe.Gov>
Subject: RE: (b) (5)

+ Beth

State Equity

State Equity

State Equity

Original Message

From: Vincent, Kenneth

Sent: Friday, June 1, 2018 4:54 AM

To: Fu, Helena (Beijing); Bennett, Shawn; Smith, Robert J

Cc: Winberg, Steven; Storch, Thomas; Yu, Alan

Subject: RE: (b) (5)

Helena,

See the attached email from John Conti at EIA. Let me know if you need anything else.

Best,

Ken

Kenneth R. Vincent, Ph.D.
Chief of Staff
Office of Fossil Energy
U.S. Department of Energy
Phone: (202) 586-6244

State Equity

Rodriguez, Susan (CONTR)

From: Winberg, Steven
Sent: Friday, June 01, 2018 6:22 AM
To: Fu, Helena W (Embassy Beijing)
Cc: albert.lee@treasury.gov
Subject: RE: confirmed: tomorrows meeting with the Chinese, 9am at DCM Residence. Meet Niba

Got it

State Equity

From: Winberg, Steven
Sent: Friday, June 1, 2018 9:19 PM
To: Fu, Helena (Beijing)
Cc: albert.lee@treasury.gov
Subject: RE: confirmed: tomorrows meeting with the Chinese, 9am at DCM Residence. Meet Niba

I will go to desk and get his room number if you can call and explain the situation. They can send security with me if the want

State Equity

From: Winberg, Steven
Sent: Friday, June 1, 2018 9:08 PM
To: Fu, Helena (Beijing)
Subject: RE: confirmed: tomorrows meeting with the Chinese, 9am at DCM Residence. Meet Niba

Do you know his room number?

State Equity

State Equity

From: DiGiulian, Maria <Maria.DiGiulian@Hq.Doe.Gov>
Sent: Friday, June 1, 2018 7:02 AM
To: Palmer, Nina (Beijing)
Cc: Yu, Alan; Fu, Helena (Beijing); Vincent, Kenneth; Urbanas, Elizabeth (Contact); Storch, Thomas; Yolinda Qu
Subject: RE: (b) (5)

All:

Attached is the document after initial review.

Please be aware of the following:

This document is not fully cleared, and therefore these edits do not constitute DOE clearance for signing.

(b) (5)

This document also includes Commerce staff level comments, and I am including Yolinda on this chain so that we remain coordinated and all on the same page.

Please clarify whether there is an idea for who/what level will sign, and what the discussions on that point have been.

THANKS!!

Maria

Rodriguez, Susan (CONTR)

From: Winberg, Steven
Sent: Friday, June 01, 2018 6:25 AM
To: Fu, Helena W (Embassy Beijing); Albert.Lee@treasury.gov
Subject: RE: confirmed: tomorrows meeting with the Chinese, 9am at DCM Residence. Meet Niba

What's the dress code?

State Equity

From: Albert.Lee@treasury.gov
Sent: Friday, June 1, 2018 9:19 PM
To: Fu, Helena (Beijing); Steven.Winberg@hq.doe.gov
Subject: Re: confirmed: tomorrows meeting with the Chinese, 9am at DCM Residence. Meet Niba

I think he said room 3211

State Equity

From: Winberg, Steven
Sent: Friday, June 1, 2018 9:08 PM
To: Fu, Helena (Beijing)
Subject: RE: confirmed: tomorrows meeting with the Chinese, 9am at DCM Residence. Meet Niba

Do you know his room number?

State Equity

From: DiGiulian, Maria <Maria.DiGiulian@Hq.Doe.Gov>
Sent: Friday, June 1, 2018 7:02 AM
To: Palmer, Nina (Beijing)
Cc: Yu, Alan; Fu, Helena (Beijing); Vincent, Kenneth; Urbanas, Elizabeth (Contact); Storch, Thomas; Yolinda Qu
Subject: RE: (b) (5)

All:

Attached is the document after initial review.

Please be aware of the following:

This document is not fully cleared, and therefore these edits do not constitute DOE clearance for signing.

(b) (5)

This document also includes Commerce staff level comments, and I am including Yolinda on this chain so that we remain coordinated and all on the same page.

Please clarify whether there is an idea for who/what level will sign, and what the discussions on that point have been.

THANKS!!

Maria

Rodriguez, Susan (CONTR)

From: Winberg, Steven
Sent: Friday, June 01, 2018 6:26 AM .
To: Fu, Helena W (Embassy Beijing); Albert.Lee@treasury.gov
Subject: RE: confirmed: tomorrows meeting with the Chinese, 9am at DCM Residence. Meet Niba

Never mind, I see it's casual

State Equity

From: Albert.Lee@treasury.gov
Sent: Friday, June 1, 2018 9:19 PM
To: Fu, Helena (Beijing); Steven.Winberg@hq.doe.gov
Subject: Re: confirmed: tomorrows meeting with the Chinese, 9am at DCM Residence. Meet Niba

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Subject: RE: confirmed: tomorrows meeting with the Chinese, 9am at DCM Residence. Meet Niba

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Sent: Friday, June 1, 2018 7:02 AM
To: Palmer, Nina (Beijing)
Cc: Yu, Alan; Fu, Helena (Beijing); Vincent, Kenneth; Urbanas, Elizabeth (Contact); Storch, Thomas; Yolinda Qu
Subject: RE:(b) (5)

All:

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Please clarify whether there is an idea for who/what level will sign, and what the discussions on that point have been.

THANKS!!

Maria

Rodriguez, Susan (CONTR)

From: Winberg, Steven
Sent: Friday, June 01, 2018 7:31 AM
To: Dan Brouillette ;Menezes, Mark;McCormack, Brian
Cc: Maddox, Mark;Storch, Thomas
Subject: RE: (b) (5) - Day 1 Summary

Good morning,

(b) (5)

(b) (5)

on Sunday morning up until everybody departs that afternoon

back to DC.

From: Winberg, Steven
Sent: Thursday, May 31, 2018 10:37 AM
To: 'Dan Brouillette' <Dan.Brouillette@hq.doe.gov>; Menezes, Mark <Mark.Menezes@hq.doe.gov>; McCormack, Brian <Brian.Mccormack@hq.doe.gov>
Cc: Maddox, Mark <MRMaddox@hq.doe.gov>; Storch, Thomas <Thomas.Storch@hq.doe.gov>
Subject: (b) (5) - Day 1 Summary

(b) (5)

(b) (5)

(b) (5)

Please let me know if you have any questions or comments. More to follow tomorrow.

Rodriguez, Susan (CONTR)

From: Winberg, Steven
Sent: Friday, June 01, 2018 3:46 PM
To: Albert.Lee@treasury.gov;Fu, Helena W (Embassy Beijing);Alan.Turley@trade.gov;Mitchell.Silk@treasury.gov;Robert.Kaproth@treasury.gov
Cc: Christopher.Wong@trade.gov;Palmer, Nina (Embassy Beijing)
Subject: RE: confirmed: tomorrows meeting with the Chinese, 9am at DCM Residence. Meet Niba

(b) (5)

So, 5 copies of th entire doc and 20 of the buyer/seller steps.

From: Albert.Lee@treasury.gov <Albert.Lee@treasury.gov>
Date: Saturday, Jun 02, 2018, 5:38 AM
To: Fu, Helena W (Embassy Beijing) <FuHW@state.gov>, Winberg, Steven <Steven.Winberg@hq.doe.gov>, Alan.Turley@trade.gov <Alan.Turley@trade.gov>, Mitchell.Silk@treasury.gov <Mitchell.Silk@treasury.gov>, Robert.Kaproth@treasury.gov <Robert.Kaproth@treasury.gov>
Cc: Christopher.Wong@trade.gov <Christopher.Wong@trade.gov>, Palmer, Nina (Embassy Beijing) <PalmerNM@state.gov>
Subject: Re: confirmed: tomorrows meeting with the Chinese, 9am at DCM Residence. Meet Niba

Robert and I have hard copies of Mitch's word doc printed out.

State Equity

From: Winberg, Steven
Sent: Friday, June 1, 2018 10:19 PM
To: Fu, Helena (Beijing); Alan Turley; Mitchell.Silk; Robert Kaproth
Cc: (U) Wong, Christopher (Beijing | TRADE); Albert.Lee@treasury.gov; Palmer, Nina (Beijing)
Subject: RE: confirmed: tomorrows meeting with the Chinese, 9am at DCM Residence. Meet Niba

So who's computer did Mitch use to prepare the doc? I know that he did not use his own machine.

State Equity

State Equity

From: DiGiulian, Maria <Maria.DiGiulian@Hq.Doe.Gov>
Sent: Friday, June 1, 2018 7:02 AM
To: Palmer, Nina (Beijing)
Cc: Yu, Alan; Fu, Helena (Beijing); Vincent, Kenneth; Urbanas, Elizabeth (Contact); Storch, Thomas; Yolinda Qu
Subject: RE: (b) (5)

All:

Attached is the document after initial review.

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(b) (5)

This document also includes Commerce staff level comments, and I am including Yolinda on this chain so that we remain coordinated and all on the same page.

Please clarify whether there is an idea for who/what level will sign, and what the discussions on that point have been.

THANKS!!

Maria

Rodriguez, Susan (CONTR)

From: Winberg, Steven
Sent: Friday, June 01, 2018 4:16 PM
To: Fibbe, George;Brouillette, Dan;Wilmot, Dan;McCormack, Brian;Maddox, Mark;Colgary, James;Garrish, Theodore
Subject: RE: (b) (5)

Thanks, George. Good to get this settled.

From: Fibbe, George <George.Fibbe@hq.doe.gov>
Date: Saturday, Jun 02, 2018, 6:50 AM
To: Brouillette, Dan <Dan.Brouillette@hq.doe.gov>, Wilmot, Dan <Dan.Wilmot@hq.doe.gov>, McCormack, Brian <Brian.Mccormack@hq.doe.gov>, Maddox, Mark <MRMaddox@hq.doe.gov>, Colgary, James <James.Colgary@hq.doe.gov>, Garrish, Theodore <Theodore.Garrish@hq.doe.gov>, Winberg, Steven <Steven.Winberg@hq.doe.gov>
Subject: (b) (5)

All -

(b) (5)

Best regards

George Fibbe
Deputy General Counsel,
Litigation, Regulation & Enforcement
Office: 202-287-6240
Cell(b) (6)

Rodriguez, Susan (CONTR)

From: Winberg, Steven
Sent: Friday, June 01, 2018 4:19 PM
To: Rasar, Kimberly; Maddox, Mark
Cc: Theisz, David; Perry, Alan F.
Subject: RE: Forrestal Space for FE on the 4th Floor

I cannot open these encrypted emails.

Rodriguez, Susan (CONTR)

From: Winberg, Steven
Sent: Friday, June 01, 2018 9:15 PM
To: Vincent, Kenneth; Maddox, Mark
Subject: FW: Edelman / Axios event before WGC
Attachments: Edelman Axios Energy Event Description - Draft - 5.30.18.pdf

From: Turenne, William <William.Turenne@hq.doe.gov>
Date: Saturday, Jun 02, 2018, 12:25 AM
To: Winberg, Steven <Steven.Winberg@hq.doe.gov>
Cc: Haus, Bob <Bob.Haus@hq.doe.gov>, Hynes, Shaylyn <Shaylyn.Hynes@hq.doe.gov>
Subject: FW: Edelman / Axios event before WGC

Hi Steve,

Nothing like a quiet Friday huh?

Just wanted to put this on your radar as a potential opportunity for the lead up to WGC week. Edelman (our BPA contractor) is also doing a lot of the work on WGC and reached out to see if we wanted to play.

Welcome hearing your thoughts.

Bill

From: Bolar, Luke <Luke.Bolar@edelman.com>
Date: Friday, Jun 01, 2018, 10:07 AM
To: Turenne, William <William.Turenne@hq.doe.gov>
Subject: Edelman / Axios event before WGC

Hi Bill

Great to catch up with you this morning. I think our roundtable event with thought leaders ahead of the World Gas Conference will be a good discussion, and it's great to hear DOE is interested in participating. I know you mentioned Steven Winberg as a possible participant, so let me know the best protocol to run the event by him and his staff, as well as coordinate with his schedule. We are currently looking at Tuesday, June 19 for the event.

I've attached a working draft of the event description for your review. Please let me know of any feedback you have as this is still a working draft for the program. You'll see in the attachment we mention natural gas data and analysis we will be sharing at the event. We will be happy to share that with you as well ahead of the event.

Ideally we would like to start getting invitations out on Monday or Tuesday next week.

Thanks!
Luke

Luke Bolar | Senior Vice President | Energy

Edelman | Washington, DC

1875 I Street, NW | Washington, DC 20006

O: 202.326.1825 | M: (b) (6) | luke.bolar@edelman.com



Rodriguez, Susan (CONTR)

From: Winberg, Steven
Sent: Friday, June 01, 2018 11:31 PM
To: Rasar, Kimberly; Maddox, Mark
Subject: RE: FE Roadmap Executive Steering Committee

Talked to Sean P and he is good with HQ leading effort.

A few points:

1. (b) (5)
- 2.
- 3.
- 4.

Thanks,
 Steve

From: Rasar, Kimberly <Kimberly.Rasar@hq.doe.gov>
Date: Saturday, Jun 02, 2018, 5:02 AM
To: Kokkinos, Angelos <Angelos.Kokkinos@hq.doe.gov>, Bennett, Shawn <Shawn.Bennett@hq.doe.gov>, Gentry, Randall W (NETL) <randall.gentry@netl.doe.gov>, Wilson, James (NETL) <james.wilson@netl.doe.gov>, Gerdes, Kirk (NETL) <kirk.gerdes@netl.doe.gov>, Daniels, Jarad <Jarad.Daniels@hq.doe.gov>
Cc: Pafe, Robert <Robert.Pafe@hq.doe.gov>, Theisz, David <David.Theisz@hq.doe.gov>, Maddox, Mark <MRMaddox@hq.doe.gov>, Winberg, Steven <Steven.Winberg@hq.doe.gov>
Subject: RE: FE Roadmap Executive Steering Committee

Angelos,

Thanks. Item 2, pending direction from Steve based upon discussions between he and Sean P. Item 5, correct; in response to Omnibus, and awaiting direction from Steve. (b) (5)

Will close with Steve next week.

-Kimberly

From: Kokkinos, Angelos <Angelos.Kokkinos@hq.doe.gov>
Date: Friday, Jun 01, 2018, 4:29 PM
To: Rasar, Kimberly <Kimberly.Rasar@hq.doe.gov>, Bennett, Shawn <Shawn.Bennett@hq.doe.gov>, Gentry, Randall W (NETL) <randall.gentry@netl.doe.gov>, Wilson, James (NETL) <james.wilson@netl.doe.gov>, Gerdes, Kirk (NETL) <kirk.gerdes@netl.doe.gov>, Daniels, Jarad <Jarad.Daniels@hq.doe.gov>
Cc: Pafe, Robert <Robert.Pafe@hq.doe.gov>, Theisz, David <David.Theisz@hq.doe.gov>, Maddox, Mark <MRMaddox@hq.doe.gov>, Winberg, Steven <Steven.Winberg@hq.doe.gov>
Subject: RE: FE Roadmap Executive Steering Committee

Kimberly:

I am following up on our meeting regarding the Roadmap. I offer the following:

1. Subject Matter Experts (SME) from FE 22 – Mark Ackiewicz (Margaret and Regis backup) overall responsibility for (b) (5)
2. (b) (5)
- 3.
- 4.
- 5.

Let me know if you have any questions.

Thanks

Angelos

From: Rasar, Kimberly

Sent: Friday, May 18, 2018 6:25 PM

To: Bennett, Shawn <Shawn.Bennett@hq.doe.gov>; Gentry, Randall W (NETL) <randall.gentry@netl.doe.gov>; Wilson, James (NETL) <james.wilson@netl.doe.gov>; Gerdes, Kirk (NETL) <kirk.gerdes@netl.doe.gov>; Kokkinos, Angelos <Angelos.Kokkinos@hq.doe.gov>; Daniels, Jarad <Jarad.Daniels@hq.doe.gov>

Cc: Pafe, Robert <Robert.Pafe@hq.doe.gov>; Theisz, David <David.Theisz@hq.doe.gov>; Maddox, Mark <MRMaddox@hq.doe.gov>; Winberg, Steven <Steven.Winberg@hq.doe.gov>

Subject: FE Roadmap Executive Steering Committee

All,

Thank you for your participation in today's FE Roadmap Executive Committee Meeting. We agreed on way forward for NETL-HQ collaboration on the effort. Pending Steve's/Mark's concurrence, (b) (5)

(b) (5)

(b) (5)

(b) (5)

We will close on the leadership (with FE-1/2) and funding (with GC) issues that were raised and will send guidance to all with a copy to Steve and Mark.

v/r,
Kimberly D. Rasar
Deputy Assistant Secretary for Operations
Office of Fossil Energy
U.S. Department of Energy
(202) 586-4100

Rodriguez, Susan (CONTR)

From: Winberg, Steven
Sent: Saturday, June 02, 2018 1:30 AM
To: Sweeney, Amy; Bennett, Shawn; Smith, Robert J
Subject: RE: (b) (5) ppt on LNG

Any

Thank you for the quick response, especially in the wee hours of the morning.

From: Sweeney, Amy <Amy.Sweeney@hq.doe.gov>
Date: Saturday, Jun 02, 2018, 2:43 PM
To: Winberg, Steven <Steven.Winberg@hq.doe.gov>, Bennett, Shawn <Shawn.Bennett@hq.doe.gov>, Smith, Robert J <RobertJ.Smith@Hq.Doe.Gov>
Subject: RE: (b) (5) ppt on LNG

Just CFIUS. Even though FERC's review is indifferent to foreign ownership as far as we know, they are mentioned in the TPs as a relevant reviewer of the MOU as cover since they have authority over siting and construction of LNG terminals. That TP was particularly in response to the second sentence in this section of the MOU.

"Any investment in U.S. or Chinese LNG facilities is to be consistent with the applicable law and commercial- and market- oriented principles. To the extent allowed by applicable law, the United States and China commit to provide information to interested companies about the process to participate in LNG infrastructure investment and construction in their respective countries."

From: Winberg, Steven <Steven.Winberg@hq.doe.gov>
Date: Saturday, Jun 02, 2018, 12:20 AM
To: Bennett, Shawn <Shawn.Bennett@hq.doe.gov>, Smith, Robert J <RobertJ.Smith@Hq.Doe.Gov>, Sweeney, Amy <Amy.Sweeney@hq.doe.gov>
Subject: FW: (b) (5) ppt on LNG

Need clarification on who has jurisdiction regarding Chinese investment in U.S LNG export terminals. Is it FERC or CFIUS or both.

State Equity

State Equity

Original Message

From: DiGiulian, Maria <Maria.DiGiulian@Hq.Doe.Gov>
Sent: Saturday, June 2, 2018 5:47 AM
To: Fu, Helena (Beijing); Vincent, Kenneth; Bennett, Shawn; Smith, Robert J
Cc: Winberg, Steven; Storch, Thomas; Yu, Alan; Sweeney, Amy; Beatty, Samuel; Maddox, Mark; Urbanas, Elizabeth (Contact)
Subject: RE: (b) (5) ppt on LNG

Per your request Helena.

Maria

State Equity

Original Message

From: Vincent, Kenneth
Sent: Friday, June 1, 2018 4:54 AM
To: Fu, Helena (Beijing); Bennett, Shawn; Smith, Robert J
Cc: Winberg, Steven; Storch, Thomas; Yu, Alan
Subject: RE: (b) (5) questions for follow up

Helena,

See the attached email from John Conti at EIA. Let me know if you need anything else.

Best,

Ken

Kenneth R. Vincent, Ph.D.
Chief of Staff
Office of Fossil Energy
U.S. Department of Energy
Phone: (202) 586-6244

State Equity

Rodriguez, Susan (CONTR)

From: Winberg, Steven
Sent: Saturday, June 02, 2018 1:59 AM
To: Fu, Helena W (Embassy Beijing)
Subject: RE: reminder: embassy visitor badge- please return to us tomorrow

(b) (6)
badgeless.

I am

From: Fu, Helena (Beijing) <FuHW@state.gov>
Date: Saturday, Jun 02, 2018, 4:55 PM
To: Winberg, Steven <Steven.Winberg@hq.doe.gov>
Subject: reminder: embassy visitor badge- please return to us tomorrow

Best, Helena

Rodriguez, Susan (CONTR)

From: Winberg, Steven
Sent: Saturday, June 02, 2018 2:00 AM
To: Fu, Helena W (Embassy Beijing)
Cc: Palmer, Nina (Embassy Beijing)
Subject: RE: FYI, on tomorrow morning

Thank you.

State Equity

Rodriguez, Susan (CONTR)

From: Winberg, Steven
Sent: Saturday, June 02, 2018 6:41 AM
To: Maddox, Mark
Subject: RE: Point Person

(b) (5) Will report back tomorrow after the big guy meeting

From: Maddox, Mark <MRMaddox@hq.doe.gov>
Date: Saturday, Jun 02, 2018, 9:19 PM
To: Winberg, Steven <Steven.Winberg@hq.doe.gov>
Subject: RE: Point Person

Hmmm. Good thing about Jarad he is here. Maybe need to set ground rules.

Any progress today?

From: Winberg, Steven <Steven.Winberg@hq.doe.gov>
Date: Saturday, Jun 02, 2018, 7:59 AM
To: Maddox, Mark <MRMaddox@hq.doe.gov>
Subject: Point Person

Mark
(b) (5)

With my 2+ week absence, I'm looking for your insight on this.

Rodriguez, Susan (CONTR)

From: Winberg, Steven
Sent: Saturday, June 02, 2018 6:44 AM
To: Fu, Helena W (Embassy Beijing)
Cc: Palmer, Nina (Embassy Beijing)
Subject: RE: Sunday morning

Thanks and will do

State Equity

From: Christopher Wong <Christopher.Wong@trade.gov>
Sent: Saturday, June 2, 2018 7:58 PM
To: Schuman, Sara C (Beijing); Green, James B (Beijing); Block, Bill; Block, William D (Beijing); Irwin, Justin M (Beijing); Justin.Irwin@treasury.gov; Beran, Sarah (Beijing); Partridge, Diana C (Beijing); Fu, Helena (Beijing); Palmer, Nina (Beijing); Clever, Jennifer A (Beijing); Zanin, Bruce (Beijing)
Cc: Griffin, Cynthia (Beijing | FCS); Shaw, Scott (Beijing); Jeffrey Dutton; Ru Wang; Jie Zhang; Brown, James W (Beijing); Pozil, Scott D (Beijing)
Subject: Sunday morning

All - a few updates.

No Embassy meeting in the morning. Departure is 915 from Westin for Diaoyutai. TBD on whether Sec Ross would like to huddle at the Westin in advance.

Agenda from Mofcom is attached. Sec Ross agreed in principle, but noted most time would be focused on ag and energy. I will do a quick translation ASAP. For Ag and energy, Mofcom envisions a brief report on each working group and wants to know which official will do so for each group. Can ag and energy groups please let me know?

For situational awareness, the Vice premier noted desire to end the meeting on time at noon.

More soon.

Thanks!

Chris

Rodriguez, Susan (CONTR)

From: Winberg, Steven
Sent: Saturday, June 02, 2018 6:45 AM
To: Maddox, Mark
Subject: RE: Planning

Good night

From: Maddox, Mark <MRMaddox@hq.doe.gov>
Date: Saturday, Jun 02, 2018, 9:43 PM
To: Winberg, Steven <Steven.Winberg@hq.doe.gov>
Subject: RE: Planning

Agreed. (b) (6)

From: Winberg, Steven <Steven.Winberg@hq.doe.gov>
Date: Saturday, Jun 02, 2018, 9:40 AM
To: Maddox, Mark <MRMaddox@hq.doe.gov>
Subject: RE: Planning

(b) (5)

From: Maddox, Mark <MRMaddox@hq.doe.gov>
Date: Saturday, Jun 02, 2018, 9:20 PM
To: Winberg, Steven <Steven.Winberg@hq.doe.gov>
Subject: FW: Planning

From: Cohen, Alan <Alan.Cohen@hq.doe.gov>
Date: Friday, Jun 01, 2018, 7:46 PM
To: Maddox, Mark <MRMaddox@hq.doe.gov>, Bennett, Shawn <Shawn.Bennett@hq.doe.gov>
Subject: Planning

Mark and Shawn,

(b) (6)

Thanks

Alan J Cohen

Rodriguez, Susan (CONTR)

From: Winberg, Steven
Sent: Saturday, June 02, 2018 3:24 PM
To: Loman, Carol (CONTR)
Subject: RE: Registering you for the CO2NNECT event in WY end of June

(b) (6)

From: Loman, Carol (CONTR) <CAROL.LOMAN@HQ.DOE.GOV>
Date: Wednesday, May 30, 2018, 11:20 PM
To: Winberg, Steven <Steven.Winberg@hq.doe.gov>
Subject: Registering you for the CO2NNECT event in WY end of June

The registration wants to know your entrée choice for hosted dinner:

Elk, Salmon, Chicken or Vegetarian

Carol Loman
202-586-6660

Rodriguez, Susan (CONTR)

From: Winberg, Steven
Sent: Saturday, June 02, 2018 3:25 PM
To: Loman, Carol (CONTR)
Cc: Desouza, Shannon (CONTR)
Subject: RE: Called for your (b) (6)

Did not get an email receipt

From: Loman, Carol (CONTR) <CAROL.LOMAN@HQ.DOE.GOV>
Date: Thursday, May 31, 2018, 10:48 PM
To: Winberg, Steven <Steven.Winberg@hq.doe.gov>
Cc: Desouza, Shannon (CONTR) <Shannon.Desouza@Hq.Doe.Gov>
Subject: Called for your (b) (6)

If you see an email on this can you forward to me. I didn't have the first hotel receipt in (b) (6)

Thanks.

Carol Loman
202-586-6660

Rodriguez, Susan (CONTR)

From: Winberg, Steven
Sent: Sunday, June 03, 2018 1:28 AM
To: Maddox, Mark;Rasar, Kimberly;Vincent, Kenneth
Subject: Helena Fu

(b) (5)

I did not say anything to her re. FE so(b) (5)

Thoughts?

Rodriguez, Susan (CONTR)

From: Winberg, Steven
Sent: Sunday, June 03, 2018 2:14 AM
To: Fu, Helena (Beijing)
Subject: RE: For your clearance

A few minor edits.

State Equity

Rodriguez, Susan (CONTR)

From: Winberg, Steven
Sent: Sunday, June 03, 2018 2:48 AM
To: Vincent, Kenneth
Subject: FW: (b) (5)

Please schedule a manger with Dan
Thanks

From: Brouillette, Dan <Dan.Brouillette@hq.doe.gov>
Date: Sunday, Jun 03, 2018, 5:44 PM
To: Winberg, Steven <Steven.Winberg@hq.doe.gov>, Menezes, Mark <Mark.Menezes@hq.doe.gov>, McCormack, Brian <Brian.Mccormack@hq.doe.gov>, Garrish, Theodore <Theodore.Garrish@hq.doe.gov>, Storch, Thomas <Thomas.Storch@hq.doe.gov>
Cc: Maddox, Mark <MRMaddox@hq.doe.gov>, Colgary, James <James.Colgary@hq.doe.gov>
Subject: RE: (b) (5)

Thanks for the update, Steve. (b) (5)
discuss when you return. Safe travels,

. Let's

Dan

From: Winberg, Steven <Steven.Winberg@hq.doe.gov>
Date: Sunday, Jun 03, 2018, 5:33 AM
To: Brouillette, Dan <Dan.Brouillette@hq.doe.gov>, Menezes, Mark <Mark.Menezes@hq.doe.gov>, McCormack, Brian <Brian.Mccormack@hq.doe.gov>, Garrish, Theodore <Theodore.Garrish@hq.doe.gov>, Storch, Thomas <Thomas.Storch@hq.doe.gov>
Cc: Maddox, Mark <MRMaddox@hq.doe.gov>
Subject: (b) (5)

(b) (5)

All,
(b) (5)

(b) (5)

(b) (5)

Rodriguez, Susan (CONTR)

From: Winberg, Steven
Sent: Sunday, June 03, 2018 2:49 AM
To: Vincent, Kenneth
Subject: FW: (b) (5)
Attachments: table_revisions sunday.pdf

Apologies
Meant to include you.

From: Winberg, Steven <Steven.Winberg@hq.doe.gov>
Date: Sunday, Jun 03, 2018, 5:32 PM
To: Dan Brouillette <Dan.Brouillette@hq.doe.gov>, Menezes, Mark <Mark.Menezes@hq.doe.gov>, McCormack, Brian <Brian.Mccormack@hq.doe.gov>, Garrish, Theodore <Theodore.Garrish@hq.doe.gov>, Storch, Thomas <Thomas.Storch@hq.doe.gov>
Cc: Maddox, Mark <MRMaddox@hq.doe.gov>
Subject: (b) (5)

(b) (5)

All,
(b) (5)

-
-
-
-

(b) (5)

Rodriguez, Susan (CONTR)

From: Winberg, Steven
Sent: Sunday, June 03, 2018 4:57 PM
To: Ken Humphreys
Subject: RE: Questions about the Advisor for Regional Economic Development position

Good to hear Ken. Been traveling the last 2 weeks but handed the questions to the FE person. Will check in status tomorrow.

From: Ken Humphreys <ken@kenhumphreys.com>
Date: Sunday, Jun 03, 2018, 11:18 AM
To: Winberg, Steven <Steven.Winberg@hq.doe.gov>
Subject: Re: Questions about the Advisor for Regional Economic Development position

Steve:

(b) (6)

-- --

- - -

Also, I wanted to confirm that the questions that I previously sent are working their way through the system and not snagged somewhere. The questions are copied below, plus a clarification in bold-italic.

I imagine your world is a blizzard of activity, so I will let you go now.

Regards,

Ken

On May 23, 2018 at 9:15 AM Ken Humphreys <ken@kenhumphreys.com> wrote:

Steve:

Regarding the position, I have a few questions that I am hoping your staff might answer.

Regards,

Ken Humphreys

Background

As I understand it, the position is envisioned to include an initial 4 – 5 month assignment where the appropriate federal role in support of the development of an Appalachian ethane hub will be assessed.

After 4 - 5 months, it could be determined that there is a federal role and the position will continue in some form. It could also be that, after 4 – 5 months, it is determined that there is no (significant) federal role and the position will end.

Neither DOE nor I are obligated to continue a working relationship beyond the initial 4 – 5 month assignment.

The position will involve spending time in Washington, DC; Morgantown, WV at NETL; fairly extensive travel throughout Appalachia; and travel to other locations outside Appalachia related to the position.

During the initial 4 – 5 month assignment where there is a high degree of uncertainty as to whether the assignment will continue long-term, leased housing is impractical. During this period, an extended stay hotel or similar arrangement is more practical.

If the position becomes long-term, I would establish a second personal residence in whatever city is determined by DOE to be the home base.

(b) (6)

Questions

- Is this a DOE-HQ position, and I will be detailed to Morgantown, WV for the initial 4 – 5 month period, or is this a DOE-FE Morgantown, WV position?
- During the initial 4 – 5 month assignment. If detailed to Morgantown, WV, will DOE cover any portion of the cost of a temporary extended stay hotel?
- During this same initial 4 – 5 month period there is likely substantial regional travel. Within normal per diem limits will DOE cover the cost of this travel? Note that the extended stay hotel (in Morgantown) would be maintained at the same time I might be elsewhere overnight (e.g., Charleston).
- During this same period, much of the regional travel likely involves driving. Will DOE cover the cost of a rental vehicle during the 4 – 5 month period, or I am I expected to provide transportation.
- Is it correct that all travel *to and from Washington State*, including temporary (for the initial period) and permanent moves, are borne by me?

- Would state tax withholding be tied to Washington, DC; Morgantown, WV, or my permanent residence (Washington State)?
- If it is concluded that the position ends after the initial period, because there is not a substantial federal role and thus no reason for the position to continue, how does this get reflected in DOE personnel records? I assume it is reflected as the assignment "completed" as opposed to a "termination" which has a negative connotation.
- Does accepting a Schedule C, GS-15 position now, place any constraints on applying for career SES level positions in the future (e.g., can't move from GS-15 directly to career SES 2/3?, or need time-in-grade before eligible?)
- After this position is complete are there limits on my engagement with DOE staff if I subsequently take a position outside DOE?
- I assume that once the 4 – 5 month assignment period starts, if I take a subsequent position outside DOE, the lobbying ban applies. If so, am I limited from being a registered lobbyist for five years, or I am limited from lobbying of any type (e.g., preparing a one-pager for an employer and delivering it to a member of Congress is considered lobbying even though it is a minor action and does not require registering as a lobbyist, or something as simple as a phone call can be considered lobbying)?
- Are there any benefits (e.g., retirement or medical) associated with this position?

END

Rodriguez, Susan (CONTR)

From: Winberg, Steven
Sent: Monday, June 04, 2018 4:02 AM
To: Fu, Helena W (Embassy Beijing)
Subject: RE: (b) (5)

Helena

If you want to send me your resume, I' d be honored to sing your praises in the horseshoe or wherever else you want me to sing.

Steve

State Equity

Rodriguez, Susan (CONTR)

From: Winberg, Steven
Sent: Monday, June 04, 2018 6:10 AM
To: McCormack, Brian
Subject: FW: Media roundup of (b) (5)
Attachments: Beijing Media Reaction: U.S.-China Trade, Shangri-La Dialogue, SCS; Trade_Talk.rtf

State Equity

Rodriguez, Susan (CONTR)

From: Winberg, Steven
Sent: Monday, June 04, 2018 6:17 AM
To: Garrish, Theodore
Subject: FW: (b) (5)
Attachments: table_revisions sunday.pdf

Happy to meet if you want some of the back story.

From: Winberg, Steven
Sent: Sunday, June 03, 2018 5:33 AM
To: Dan Brouillette <Dan.Brouillette@hq.doe.gov>; Menezes, Mark <Mark.Menezes@hq.doe.gov>; McCormack, Brian <Brian.Mccormack@hq.doe.gov>; Garrish, Theodore <Theodore.Garrish@hq.doe.gov>; Storch, Thomas <Thomas.Storch@hq.doe.gov>
Cc: Maddox, Mark <MRMaddox@hq.doe.gov>
Subject: (b) (5)

(b) (5)

All,
(b) (5)

(b) (5)

Rodriguez, Susan (CONTR)

From: Winberg, Steven
Sent: Monday, June 04, 2018 6:20 AM
To: Howes, Dwight A.
Cc: Desouza, Shannon (CONTR); Loman, Carol (CONTR)
Subject: RE: PITT LAW/ENERGY LAW & REGULATION: connect re nuke business

It never lets up,
In Norway and China the last 2 weeks. Week before that in ND, then out to Denver (b) (6)

How are you doing?

From: Howes, Dwight A. [mailto:DHowes@ReedSmith.com]
Sent: Monday, June 04, 2018 9:16 AM
To: Winberg, Steven <Steven.Winberg@hq.doe.gov>
Cc: Desouza, Shannon (CONTR) <Shannon.Desouza@Hq.Doe.Gov>; Loman, Carol (CONTR) <CAROL.LOMAN@HQ.DOE.GOV>
Subject: RE: PITT LAW/ENERGY LAW & REGULATION: connect re nuke business

No worries! It occurs to me that you all may have one or two other higher priorities on your plates. Thank you.

Dwight A. Howes
Partner
412-288-5933 (Office)
(b) (6) (Mobile)
dhowes@reedsmith.com

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Pittsburgh, PA 15222

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From: Winberg, Steven [<mailto:Steven.Winberg@hq.doe.gov>]
Sent: Monday, June 04, 2018 9:05 AM
To: Howes, Dwight A.
Cc: Desouza, Shannon (CONTR); Loman, Carol (CONTR)
Subject: RE: PITT LAW/ENERGY LAW & REGULATION: connect re nuke business

Hi Dwight.

Erik can email or call (number below) either Shannon or Carol to schedule a time to chat either in person or by phone. Apologies if this slipped through the cracks on our end.

Steven Winberg
Assistant Secretary
Office of Fossil Energy
Department of Energy
1000 Independence Avenue, SW
Washington, DC 20585
202 586 6660

From: Howes, Dwight A. [<mailto:DHowes@ReedSmith.com>]
Sent: Monday, June 04, 2018 8:50 AM
To: Winberg, Steven <Steven.Winberg@hq.doe.gov>
Subject: FW: PITT LAW/ENERGY LAW & REGULATION: connect re nuke business

Steve – Sorry to bug you with this. Can you forward to Shannon and we'll take it from there? Best, Dwight

Dwight A. Howes
Partner
412-288-5933 (Office)
(b) (6) (Mobile)
dhowes@reedsmith.com

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From: Jay Hammond [mailto:(b) (6)]
Sent: Monday, June 04, 2018 7:10 AM
To: Howes, Dwight A.
Subject: Re: PITT LAW/ENERGY LAW & REGULATION; connect re nuke business

Dwight:

I hope all is well with you. Do you happen to have Shannon Desouza's contact info? I have asked Erik to reach out to her directly. Thanks again for contacting Steve. Looking forward to our lunch.

Sincerely,

Jay

Jay Hammond
Cell: (b) (6)

On Apr 20, 2018, at 12:32 PM, Howes, Dwight A. <DHowes@ReedSmith.com> wrote:

Jay – FYI. Will you let Erik know that Shannon from Steve's office will be contacting him? I think in person would be preferable to phone, so he should seek that, even if it takes longer to set up. Best, Dwight

Dwight A. Howes
Partner
412.282.5022 (Office)
(b) (6) (Mobile)
dhowes@reedsmith.com

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From: Howes, Dwight A.
Sent: Friday, April 20, 2018 12:32 PM
To: 'Winberg, Steven'
Cc: Desouza, Shannon (CONTR)
Subject: RE: PITT LAW/ENERGY LAW & REGULATION: connect re nuke business

Many thanks, Steve.

(b) (6) Dwight A. Howes
Partner
412.782.5033 (Office)
(Mobile)
dhowes@reedsmith.com

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From: Winberg, Steven [<mailto:Steven.Winberg@hq.doe.gov>]
Sent: Friday, April 20, 2018 12:26 PM
To: Howes, Dwight A.
Cc: Desouza, Shannon (CONTR)
Subject: FW: PITT LAW/ENERGY LAW & REGULATION: connect re nuke business

Hi Dwight

Happy to talk to Erik

Shannon will reach out to Erik and schedule some time by phone or in person either here in DC or in Pitt.

Take care,

Steve

From: Howes, Dwight A. [mailto:DHowes@ReedSmith.com]
Sent: Friday, April 20, 2018 10:19 AM
To: Winberg, Steven <Steven.Winberg@hq.doe.gov>
Subject: FW: PITT LAW/ENERGY LAW & REGULATION: connect re nuke business

Good morning, Steve. Wondering if you'd do me a favor. Erik Slobe (resume attached) is a student at Pitt Law and Jay Hammond has somewhat taken him under his wing (Jay's an adjunct professor at Pitt Law school, teaching a course in energy regulation). (b) (6)

Best, Dwight

Dwight A. Howes
Partner
412-288-5933 (Office)
(b) (6) (Mobile)
dhowes@reedsmith.com

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(b) (6)

From: Jay Hammond [mailto:jayhammond@comcast.net]
Sent: Friday, April 20, 2018 9:57 AM
To: Howes, Dwight A.
Subject: Fwd: PITT LAW/ENERGY LAW & REGULATION: connect re nuke business

See below and attached. Interesting. I still feel that 10 min with Steve would be very good for Erik.

Jay Hammond
Cell: (412) 439-9660

Begin forwarded message:

From: "Slobe, Erik D" <Erik.Slobe@pitt.edu>
Date: April 20, 2018 at 9:17:23 AM EDT
To: Jay Hammond <jayhammond@comcast.net>
Subject: Re: PITT LAW/ENERGY LAW & REGULATION: connect re nuke business

Hello Jay,

Attached is the latest version of my resume. At this point, (b) (6)

Thank you,
Erik

(b) (6)

From: Jay Hammond <jayhammond@comcast.net>
Sent: Thursday, April 19, 2018 7:27:56 AM
To: Slobe, Erik D
Subject: Re: PITT LAW/ENERGY LAW & REGULATION: connect re nuke business

Can you please call me today, Erik? Mid-morning is probably best. Thanks in advance. Sincerely, Jay

Jay Hammond
Cell: (b) (6)

On Oct 6, 2017, at 11:01 AM, Slobe, Erik <Erik.Slobe@pitt.edu> wrote:

Dwight,

Tuesday at 11:50 works for me and (b) (6) sounds like my kind of place. I look forward to seeing you then.

Thank you,
Erik

From: Howes, Dwight A. <DHowes@ReedSmith.com>
Sent: Friday, October 6, 2017 9:52:28 AM
To: Slobe, Erik; Jay Hammond
Subject: RE: PITT LAW/ENERGY LAW & REGULATION: connect re nuke business

Erik – Jay and I are scheduled to meet at Yovi's, just off Market Square, for lunch at 11:50 (need to get there early to avoid the rush) on Tuesday. Want to join us there? Literally a little hole in the wall place. (b) (6)

If that doesn't appeal, we'll figure out another time/place to meet. I look forward to meeting you. Best regards, Dwight

Dwight A. Howes
Partner
412-288-5933 (Office)
(b) (6) (Mobile)
dhowes@reedsmith.com

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From: Slobe, Erik [<mailto:Erik.Slobe@pitt.edu>]
Sent: Friday, October 06, 2017 9:48 AM
To: Jay Hammond; Howes, Dwight A.
Subject: Re: PITT LAW/ENERGY LAW & REGULATION: connect re nuke business

Hello Dwight,

Thank you for taking the time to meet with me. Would you be available at any point next week? I am available for coffee on Monday and Wednesday mornings and I am available for lunch on Tuesday or Thursday. I am also available at any point on Friday. Please let me know if any of these times work for you.

Jay,

Thank you for putting Dwight and I in touch and also please let me know if any of these times work for you as well.

Thank you,
Erik

Erik Slobe, P. E.
Candidate for J.D., May 2019
University of Pittsburgh School of Law
EDS57@pitt.edu
(b) (6)

(b) (6)

From: Jay Hammond
Sent: Friday, October 6, 2017 9:34:25 AM
To: Howes, Dwight A.
Cc: Slobe, Erik
Subject: Re: PITT LAW/ENERGY LAW & REGULATION: connect re nuke business

Keep me posted.

Jay Hammond
Cell: (b) (6)

> On Oct 6, 2017, at 9:21 AM, Howes, Dwight A. <DHowes@ReedSmith.com>
wrote:
>
> Hi, Erik. Give me a shout when convenient. Let's have coffee or lunch. If
Jay's free, he can join us. Best regards, Dwight
>
> Dwight A. Howes
> Partner
> 412-288-5933 (Office)
(b) (6) > Mobile)
> anowes@reedsmith.com
>
> Reed Smith LLP
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> 225 Fifth Avenue
> Pittsburgh, PA 15222
> Other offices:
> U.S.: Century City, Chicago, Houston, Los Angeles, New York, Northern
Virginia, Philadelphia, Pittsburgh, Princeton, Richmond, San Francisco, Silicon
Valley, Washington, D.C., Wilmington

Rodriguez, Susan (CONTR)

From: Winberg, Steven
Sent: Monday, June 04, 2018 6:21 AM
To: Desouza, Shannon (CONTR)
Subject: FW: Financial Gift

So what do I do with this?
Also, see me on the metro card.

From: (b)(3) B. [mailto:(b)(3)]
Sent: Monday, June 04, 2018 9:12 AM
To: Winberg, Steven <Steven.Winberg@hq.doe.gov>; (b)(3)
Subject: RE: Financial Gift

Your TSA Known Traveler Number (KTN) is as follows:

(b) (6)

Please let us know if you have any questions.

Take care,

(b)(3)
Special Security Officer
Office of Intelligence and Counterintelligence
Delta Research Associates
Contractor for the
U.S. Department of Energy
(202) 586-6580

From: Winberg, Steven <Steven.Winberg@hq.doe.gov>
Sent: Monday, June 04, 2018 9:09 AM
To: (b)(3)
Subject: RE: Financial Gift

Thank you
Can you give me an update on my airport pre check status?

From: (b)(3)
Sent: Monday, June 04, 2018 9:08 AM
To: Winberg, Steven <Steven.Winberg@hq.doe.gov>; (b)(3)
Subject: RE: Financial Gift

Good morning Mr. Winberg,

We have received your reporting and are processing. No additional action is required at this time.

(b)(3)
Special Security Officer
Office of Intelligence and Counterintelligence
Delta Research Associates
Contractor for the
U.S. Department of Energy
(202) 586-6580

From: Winberg, Steven <Steven.Winberg@hq.doe.gov>
Sent: Thursday, May 31, 2018 8:35 AM
To: (b)(3)
Subject: Financial Gift

In accordance with, what I believe are my SCI reporting requirements, (b) (6)
in non-energy investments. This money was deposited in my(b) (6)

and will be invested

Rodriguez, Susan (CONTR)

From: Winberg, Steven
Sent: Monday, June 04, 2018 7:33 AM
To: Desouza, Shannon (CONTR)
Subject: FW: (b) (5)

From: Brouillette, Dan
Sent: Sunday, June 03, 2018 5:45 AM
To: Winberg, Steven <Steven.Winberg@hq.doe.gov>; Menezes, Mark <Mark.Menezes@hq.doe.gov>; McCormack, Brian <Brian.Mccormack@hq.doe.gov>; Garrish, Theodore <Theodore.Garrish@hq.doe.gov>; Storch, Thomas <Thomas.Storch@hq.doe.gov>
Cc: Maddox, Mark <MRMaddox@hq.doe.gov>; Colgary, James <James.Colgary@hq.doe.gov>
Subject: RE: (b) (5)

Thanks for the update, Steve.(b) (5)
discuss when you return. Safe travels,

. Let's

Dan

From: Winberg, Steven <Steven.Winberg@hq.doe.gov>
Date: Sunday, Jun 03, 2018, 5:33 AM
To: Brouillette, Dan <Dan.Brouillette@hq.doe.gov>, Menezes, Mark <Mark.Menezes@hq.doe.gov>, McCormack, Brian <Brian.Mccormack@hq.doe.gov>, Garrish, Theodore <Theodore.Garrish@hq.doe.gov>, Storch, Thomas <Thomas.Storch@hq.doe.gov>
Cc: Maddox, Mark <MRMaddox@hq.doe.gov>
Subject: (b) (5)

(b) (5)

All,
(b) (5)

-
-
-
-

(b) (5)

(b) (5)

Rodriguez, Susan (CONTR)

From: Winberg, Steven
Sent: Monday, June 04, 2018 7:44 AM
To: Bennett, Shawn
Subject: Lunch today?

Nothing important, just want to get caught up with you.

Steven Winberg
Assistant Secretary
Office of Fossil Energy
Department of Energy
1000 Independence Avenue, SW
Washington, DC 20585
202 586 6660

Rodriguez, Susan (CONTR)

From: Winberg, Steven
Sent: Monday, June 04, 2018 9:20 AM
To: Bennett, Shawn
Subject: FW: Bloomberg Question at EIA Conference

Please send a copy to Shaylyn if you haven't already.

From: Hynes, Shaylyn
Sent: Monday, June 04, 2018 10:50 AM
To: Vincent, Kenneth <Kenneth.Vincent@Hq.Doe.Gov>; McCormack, Brian <Brian.Mccormack@hq.doe.gov>; Winberg, Steven <Steven.Winberg@hq.doe.gov>; Maddox, Mark <MRMaddox@hq.doe.gov>; Bennett, Shawn <Shawn.Bennett@hq.doe.gov>; Johnson, Nancy <Nancy.Johnson@hq.doe.gov>
Subject: RE: Bloomberg Question at EIA Conference

Great can I get a copy ?

From: Vincent, Kenneth <Kenneth.Vincent@Hq.Doe.Gov>
Date: Monday, Jun 04, 2018, 9:27 AM
To: Hynes, Shaylyn <Shaylyn.Hynes@hq.doe.gov>, McCormack, Brian <Brian.Mccormack@hq.doe.gov>, Winberg, Steven <Steven.Winberg@hq.doe.gov>, Maddox, Mark <MRMaddox@hq.doe.gov>, Bennett, Shawn <Shawn.Bennett@hq.doe.gov>, Johnson, Nancy <Nancy.Johnson@hq.doe.gov>
Subject: RE: Bloomberg Question at EIA Conference

This refers to the request letter for the NPC study. Looping in Mark, Shawn Bennett and Nancy Johnson who have been working on this.

From: Hynes, Shaylyn <Shaylyn.Hynes@hq.doe.gov>
Date: Monday, Jun 04, 2018, 10:24 AM
To: McCormack, Brian <Brian.Mccormack@hq.doe.gov>, Winberg, Steven <Steven.Winberg@hq.doe.gov>, Vincent, Kenneth <Kenneth.Vincent@Hq.Doe.Gov>
Subject: FW: Bloomberg Question at EIA Conference

Any idea on this?

From: Kern, Rebecca <rKern@bloombergenvironment.com>
Date: Monday, Jun 04, 2018, 9:18 AM
To: Hynes, Shaylyn <Shaylyn.Hynes@hq.doe.gov>, Szymanski, Jessica <Jessica.Szymanski@hq.doe.gov>, Kinney, Sara <Sara.Kinney@hq.doe.gov>
Cc: DOE NEWS <DOENews@hq.doe.gov>
Subject: Bloomberg Question at EIA Conference

Hello,

I'm at the EIA Conference – and I heard Linda Capuano and Greg Armstrong, Plains All American Pipeline CEO, talk this morning about this request from Energy Secretary Rick Perry to do a study on oil, gas and infrastructure – that it appears directed at the National Petroleum Council.

I'm not familiar with this request of the study – can you tell me about when Rick Perry sent this request, and can you send me a copy of this request?

I look forward to hearing from you as soon as you can today, ideally before 2 p.m. EST..

Best,

.....

Rebecca Kern
Reporter

Bloomberg Environment

703-341-3715 (Office)
(b) (6) (Cell)
rkern@bloombergenvironment.com

Rodriguez, Susan (CONTR)

From: Winberg, Steven
Sent: Tuesday, June 05, 2018 6:06 AM
To: Bennett, Shawn; Maddox, Mark
Subject: RE: (b)

(b) (5)

From: Bennett, Shawn
Sent: Tuesday, June 05, 2018 8:33 AM
To: Winberg, Steven <Steven.Winberg@hq.doe.gov>; Maddox, Mark <MRMaddox@hq.doe.gov>
Subject: (b)

Steve,

I have a meeting this morning with API as a meet and greet with Eric in their upstream shop. (b) (5)

Rodriguez, Susan (CONTR)

From: Winberg, Steven
Sent: Tuesday, June 05, 2018 6:13 AM
To: Desouza, Shannon (CONTR)
Subject: RE: NPC

ok

-----Original Message-----

From: Desouza, Shannon (CONTR)
Sent: Tuesday, June 05, 2018 9:12 AM
To: Winberg, Steven <Steven.Winberg@hq.doe.gov>; Loman, Carol (CONTR) <CAROL.LOMAN@HQ.DOE.GOV>
Cc: Maddox, Mark <MRMaddox@hq.doe.gov>; Bennett, Shawn <Shawn.Bennett@hq.doe.gov>
Subject: RE: NPC

Looking at today 1:30pm-2pm.

-----Original Message-----

From: Winberg, Steven
Sent: Tuesday, June 05, 2018 8:58 AM
To: Desouza, Shannon (CONTR) <Shannon.Desouza@Hq.Doe.Gov>; Loman, Carol (CONTR) <CAROL.LOMAN@HQ.DOE.GOV>
Cc: Maddox, Mark <MRMaddox@hq.doe.gov>; Bennett, Shawn <Shawn.Bennett@hq.doe.gov>
Subject: NPC

Please schedule a 1/2 hour meeting with Mark, Shawn and me to discuss NPC.

Steven Winberg
Assistant Secretary
Office of Fossil Energy
Department of Energy
1000 Independence Avenue, SW
Washington, DC 20585
202 586 6660

Rodriguez, Susan (CONTR)

From: Winberg, Steven
Sent: Tuesday, June 05, 2018 4:33 PM
To: McCurdy, Jake; Maddox, Mark
Cc: Bennett, Shawn; Loman, Carol (CONTR)
Subject: RE: ENR - Gas / LNG Hearing

(b) (5)

From: McCurdy, Jake <Jake.McCurdy@hq.doe.gov>
Date: Tuesday, Jun 05, 2018, 5:17 PM
To: Winberg, Steven <Steven.Winberg@hq.doe.gov>, Maddox, Mark <MRMaddox@hq.doe.gov>
Cc: Bennett, Shawn <Shawn.Bennett@hq.doe.gov>, Loman, Carol (CONTR) <CAROL.LOMAN@HQ.DOE.GOV>
Subject: FW: ENR - Gas / LNG Hearing

Steve and Mark-

Please see the below request for a hearing on LNG before Senate ENR on the 19th. (b) (5)

JM

From: Varnasidis, Sophia <Sophia.Varnasidis@hq.doe.gov>
Date: Tuesday, Jun 05, 2018, 5:14 PM
To: McCurdy, Jake <Jake.McCurdy@hq.doe.gov>
Cc: Burnison, Melissa <Melissa.Burnison@hq.doe.gov>
Subject: RE: ENR - Gas / LNG Hearing

Spoke to S3, confirmed he will be travelling on the 19th and unable to attend. (b) (5)

From: McCurdy, Jake
Sent: Tuesday, June 05, 2018 1:43 PM
To: Varnasidis, Sophia <Sophia.Varnasidis@hq.doe.gov>
Cc: Burnison, Melissa <Melissa.Burnison@hq.doe.gov>
Subject: FW: ENR - Gas / LNG Hearing

(b) (5)

Jake McCurdy
Legislative Affairs Advisor
U.S. Department of Energy
(202) 586-5031 | Jake.McCurdy@hq.doe.gov

From: Hughes, Brian (Energy) [mailto:Brian_Hughes@energy.senate.gov]
Sent: Tuesday, June 05, 2018 1:38 PM
To: Burnison, Melissa <Melissa.Burnison@hq.doe.gov>; McCurdy, Jake <Jake.Mccurdy@hq.doe.gov>
Cc: Cunningham, Suzanne (Energy) <Suzanne_Cunningham@energy.senate.gov>
Subject: ENR - Gas / LNG Hearing

Melissa and Jake,

Hope your week is going well. Just a heads-up that we plan to have a full committee hearing focused on domestic and international opportunities for American natural gas on Tuesday, June 19. We're hoping DOE will be able to provide a witness—someone who could speak to the importance of domestic production, export potential, and the administration's efforts to secure energy dominance. Could you let us know if you think that'll be possible?

Thanks,
Brian

202-224-7555

Rodriguez, Susan (CONTR)

Subject: Tag-up w/ Eric Mahroum
Location: 4G-084

Start: Tue 6/5/2018 5:30 AM
End: Tue 6/5/2018 6:00 AM
Show Time As: Tentative

Recurrence: (none)

Meeting Status: Not yet responded

Organizer: Winberg, Steven
Required Attendees: Mahroum, Eric

Shannon,

I hope all is well,

Does Steve have time to meet with me this week for just about 15 minutes? I wanted to follow up with him about a conversation we had last December.

Thanks,
Eric

Rodriguez, Susan (CONTR)

Subject: Discuss OPR
Location: 4G-084

Start: Tue 6/5/2018 10:30 AM
End: Tue 6/5/2018 10:45 AM
Show Time As: Tentative

Recurrence: (none)

Meeting Status: Not yet responded

Organizer: Winberg, Steven

Required Attendees: Maddox, Mark; Vincent, Kenneth; Rasar, Kimberly; Theisz, David; Macintyre, Douglas; Meredith, Sheneé; Garcia, Elsa

Next 15 minutes
(b) (5)

Invitee List

Steve

Mark

Ken

Doug Macintyre

Kimberly Rasar

Sheneé Meredith

Rodriguez, Susan (CONTR)

From: Menezes, Mark
Sent: Wednesday, May 30, 2018 6:11 AM
To: Varnasidis, Sophia;Cade, Steven
Subject: FW: Solar Module Exporters
Attachments: 2018 US Module Imports.pdf

(b) (5)

Mark W. Menezes
Under Secretary of Energy

U.S. Department of Energy
1000 Independence Ave., SW
Washington, DC 20585
Tel: (202) 586-8808



From: Colin Hayes [mailto:colin@lotsixteen.com]
Sent: Wednesday, May 30, 2018 8:33 AM
To: Menezes, Mark <Mark.Menezes@hq.doe.gov>
Subject: Solar Module Exporters

Mark, when we spoke last week you asked about countries from which the U.S. imports solar modules and I promised to revert with that information.

As it turns out, we don't have country-specific data for 1,500-volt modules. We do know, however, that all of the major suppliers to the U.S. market produce 1,500-volt modules.

It is, therefore, reasonable to assume that 1,500-volt modules are:

- (i) spread out amongst the leading importing countries, and
- (ii) correlate with the country-specific import statistics.

Based on these assumptions, the official U.S. import statistics for March, the first full month after the tariffs went into effect, indicate that the top three 1,500-volt module suppliers to the United States are Malaysia, Korea, and Thailand, with smaller amounts from Vietnam and Turkey (see attached). Please note that the import statistics are for total module imports, including 600-, 1,000-, and 1,500-volt products.

I did not include Mexico, Singapore, or Japan in the above 1,500-volt list given that nearly all imports from these countries are for 1,000-volt modules used in DG projects. Please also note that module imports from China were only \$1.3 million in March.

Hope this helps! Thanks again for your time and all that you are doing.

C.

Colin Hayes
Founding Partner
202.834.6795



Rodriguez, Susan (CONTR)

From: Menezes, Mark
Sent: Wednesday, May 30, 2018 6:57 AM
To: Little, Douglas;Varnasidis, Sophia
Cc: Walker, Bruce;Lotto, Adrienne
Subject: FW: DRAFT IG Report on Western Area Power Administration's Unobligated Balances Coordination Dr....docx
Attachments: Western Area Power Administration's Unobligated Balances Coordination Dr....docx; ATT00001.htm

FYI.

Mark W. Menezes
Under Secretary of Energy

U.S. Department of Energy
1000 Independence Ave., SW
Washington, DC 20585
Tel: (202) 586-8808



From: Gabriel, Mark [mailto:Gabriel@WAPA.GOV]
Sent: Monday, May 07, 2018 11:54 AM
To: Menezes, Mark <Mark.Menezes@hq.doe.gov>; Walker, Bruce <Bruce.Walker@hq.doe.gov>; Colgary, James <James.Colgary@hq.doe.gov>
Subject: DRAFT IG Report on Western Area Power Administration's Unobligated Balances Coordination Dr....docx

Gentlemen,
(b) (5)

(b) (5)

(b) (5)

Please let me know if you have any questions.

Rodriguez, Susan (CONTR)

From: Menezes, Mark
Sent: Wednesday, May 30, 2018 7:38 AM
To: Varnasidis, Sophia; Sanford, Jessica L.
Subject: FW: Update

Jessica,
Please see if we can arrange a meeting.

Mark W. Menezes
Under Secretary of Energy

U.S. Department of Energy
1000 Independence Ave., SW
Washington, DC 20585
Tel: (202) 586-8808

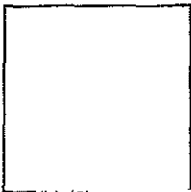


From: Stuart Solomon [mailto:stu.solomon@ip3international.com]
Sent: Friday, May 25, 2018 2:50 PM
To: Menezes, Mark <Mark.Menezes@hq.doe.gov>
Cc: Sanford, Jessica L. <Jessica.Sanford@hq.doe.gov>; Molly Denham <molly.denham@ip3international.com>
Subject: Update

Dear Under Secretary Menezes,

I hope this note finds you well this Memorial Day weekend. I would like to request a short meeting with IP3 to follow up on our progress since our last meeting with you in order to keep you fully informed. Can we work with your scheduler to arrange this for the next week or two?

Sincerely,
Stu Solomon



C: (b) (6) President

www.ip3international.com
Assistant: Molly Denham, molly.denham@ip3international.com

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Rodriguez, Susan (CONTR)

From: Menezes, Mark
Sent: Wednesday, May 30, 2018 12:44 PM
To: Hynes, Shaylyn; McCormack, Brian
Subject: RE: DOE IG: FERC has solid pipeline review process but flags transparency concerns

We were aware of the last point in the article—that FERC announced a review of its process—(b) (5)
(b) (5)

(b) (5)

Mark W. Menezes
Under Secretary of Energy

U.S. Department of Energy
1000 Independence Ave., SW
Washington, DC 20585
Tel: (202) 586-8808



From: Hynes, Shaylyn
Sent: Wednesday, May 30, 2018 3:27 PM
To: McCormack, Brian <Brian.Mccormack@hq.doe.gov>; Menezes, Mark <Mark.Menezes@hq.doe.gov>
Subject: FW: DOE IG: FERC has solid pipeline review process but flags transparency concerns

FYI-

Did we know this was coming?

From: POLITICO Pro Energy Whiteboard <politicoemail@politicopro.com>
Date: Wednesday, May 30, 2018, 3:23 PM
To: Hynes, Shaylyn <Shaylyn.Hynes@hq.doe.gov>
Subject: DOE IG: FERC has solid pipeline review process but flags transparency concerns

By Darius Dixon

05/30/2018 03:21 PM EDT






(b) (4)

(b) (4)

To view online:

<https://subscriber.politicopro.com/energy/whiteboard/2018/05/doe-ig-ferc-has-solid-pipeline-review-process-but-flags-transparency-concerns-1319618>

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Yes, very	Somewhat	Neutral	Not really	Not at all

You received this POLITICO Pro content because your customized settings include: Energy: DOE; Energy: FERC. To change your alert settings, please go to <https://subscriber.politicopro.com/settings>

POLITICOPRO

This email was sent to shaylyn.hynes@hq.doe.gov by: POLITICO, LLC 1000 Wilson Blvd. Arlington, VA, 22209, USA

Rodriguez, Susan (CONTR)

From: Menezes, Mark
Sent: Wednesday, May 30, 2018 4:40 PM
To: McGinnis, Edward
Cc: Varnasidis, Sophia; Burnison, Melissa
Subject: RE: Message from Senator Alexander

Thanks for the report, Ed. Hope you're having a good trip.

Mark W. Menezes
Under Secretary of Energy

U.S. Department of Energy
1000 Independence Ave., SW
Washington, DC 20585
Tel: (202) 586-8808



From: McGinnis, Edward
Sent: Wednesday, May 30, 2018 7:06 PM
To: Menezes, Mark <Mark.Menezes@hq.doe.gov>
Cc: Varnasidis, Sophia <Sophia.Varnasidis@hq.doe.gov>; Burnison, Melissa <Melissa.Burnison@hq.doe.gov>
Subject: RE: Message from Senator Alexander

With corrected email for Sophia.

From: McGinnis, Edward <Edward.McGinnis@Nuclear.Energy.Gov>
Date: Wednesday, May 30, 2018, 7:03 PM
To: Menezes, Mark <Mark.Menezes@hq.doe.gov>
Cc: Angelini, Sophia <Sophia.Angelini@hq.doe.gov>, Burnison, Melissa <Melissa.Burnison@hq.doe.gov>
Subject: Message from Senator Alexander

Sir, during my participation in the Tennessee Valley Corridor Summit today (note link to article on the event, in case you want to read <https://www.knoxnews.com/story/news/2018/05/30/oak-ridge-tennessee-valley-corridor-summit-2018/626707002/>), ORNL Lab Director Thomas Zacharia and I spoke in passing with Senator Lamar Alexander this morning at the Summit and^{(b) (5)}

(b) (5)

Just wanted to make sure you are aware and to consider if and how we may wish to pass this onto the Secretary (or perhaps to Brian or Dan Wilmont in coordination with S2).

Best,

Ed

Rodriguez, Susan (CONTR)

From: Menezes, Mark
Sent: Wednesday, May 30, 2018 4:43 PM
To: Brouillette, Dan; Colgary, James; McCormack, Brian; Wilmot, Dan; Dabbar, Paul; Gordon-Hagerty, Lisa
Subject: FW: Message from Senator Alexander

Potential November Sen. Alexander hearing at ORNL. See note below.

Mark W. Menezes
Under Secretary of Energy

U.S. Department of Energy
1000 Independence Ave., SW
Washington, DC 20585
Tel: (202) 586-8808



From: McGinnis, Edward
Sent: Wednesday, May 30, 2018 7:06 PM
To: Menezes, Mark <Mark.Menezes@hq.doe.gov>
Cc: Varnasidis, Sophia <Sophia.Varnasidis@hq.doe.gov>; Burnison, Melissa <Melissa.Burnison@hq.doe.gov>
Subject: RE: Message from Senator Alexander

With corrected email for Sophia.

From: McGinnis, Edward <Edward.McGinnis@Nuclear.Energy.Gov>
Date: Wednesday, May 30, 2018, 7:03 PM
To: Menezes, Mark <Mark.Menezes@hq.doe.gov>
Cc: Angelini, Sophia <Sophia.Angelini@hq.doe.gov>; Burnison, Melissa <Melissa.Burnison@hq.doe.gov>
Subject: Message from Senator Alexander

Sir, during my participation in the Tennessee Valley Corridor Summit today (note link to article on the event, in case you want to read <https://www.knoxnews.com/story/news/2018/05/30/oak-ridge-tennessee-valley-corridor-summit-2018/626707002/>), ORNL Lab Director Thomas Zacharia and I spoke in passing with Senator Lamar Alexander this morning at the Summit and ^{(b) (5)}

(b) (5)

Just wanted to make sure you are aware and to consider if and how we may wish to pass this onto the Secretary (or perhaps to Brian or Dan Wilmont in coordination with S2).

Best,

Ed

Rodriguez, Susan (CONTR)

From: Menezes, Mark
Sent: Thursday, May 31, 2018 7:53 AM
To: Navarro, Peter K. EOP/WHO
Subject: Pre-decisional--(b) (5) Day 1 Summary

PRE-CLEARANCE
PRIVILEGED AND CONFIDENTIAL
NOT FOR DISTRIBUTION

Peter,
(b) (5)

Thank you,
Mark

Mark W. Menezes
Under Secretary of Energy

U.S. Department of Energy
1000 Independence Ave., SW
Washington, DC 20585
Tel: (202) 586-8808



From: Winberg, Steven
Sent: Thursday, May 31, 2018 10:42 AM
Subject: (b) (5) Day 1 Summary

(b) (5)

(b) (5)

Please let me know if you have any questions or comments. More to follow tomorrow.

Rodriguez, Susan (CONTR)

Subject: Meeting with S3 and Sophia regarding Energy Bilats
Location: Manhattan Project Conference Room

Start: Thu 5/31/2018 8:30 AM
End: Thu 5/31/2018 9:00 AM
Show Time As: Tentative

Recurrence: (none)

Meeting Status: Not yet responded

Organizer: Menezes, Mark
Required Attendees: Varnasidis, Sophia; Storch, Thomas; Buchan, Samuel

Rodriguez, Susan (CONTR)

From: Menezes, Mark
Sent: Thursday, May 31, 2018 11:41 AM
To: Varnasidis, Sophia
Subject: FW: Fwd: GSA Green Building Advisory Committee - DOE Appointment Request
Attachments: DOE Adv Comm Rep Letter - 5-18-18.pdf; DOE - McDonald & Unruh Appt Ltr.pdf; DOD - Sullivan Appt Letter 2014.pdf

GSA Equity

GSA Equity

Rodriguez, Susan (CONTR)

Subject: S3 Daily Team Meeting

Location: S3's Office

Start: Thu 5/31/2018 1:00 PM

End: Thu 5/31/2018 1:30 PM

Show Time As: Tentative

Recurrence: (none)

Meeting Status: Not yet responded

Organizer: Menezes, Mark

Required Attendees: Varnasidis, Sophia; Sanford, Jessica L.; Steve Cade (Steven.Cade@hq.doe.gov)

Rodriguez, Susan (CONTR)

Subject: Meet with Joe Uddo re: paperwork
Location: S3 office

Start: Thu 5/31/2018 1:30 PM
End: Thu 5/31/2018 2:00 PM
Show Time As: Tentative

Recurrence: (none)

Organizer: Menezes, Mark
Required Attendees: Varnasidis, Sophia

Rodriguez, Susan (CONTR)

Subject: Meeting with S3 and Sophia regarding Energy Bilats
Location: Manhattan Project Conference Room

Start: Fri 6/1/2018 8:30 AM
End: Fri 6/1/2018 9:00 AM
Show Time As: Tentative

Recurrence: (none)

Meeting Status: Not yet responded

Organizer: Menezes, Mark
Required Attendees: Varnasidis, Sophia; Storch, Thomas; Buchan, Samuel

Rodriguez, Susan (CONTR)

Subject: Meeting with S3 and Sophia regarding Energy Bilats
Location: Manhattan Project Conference Room

Start: Fri 6/1/2018 9:00 AM
End: Fri 6/1/2018 9:30 AM
Show Time As: Tentative

Recurrence: (none)

Meeting Status: Not yet responded

Organizer: Menezes, Mark
Required Attendees: Varnasidis, Sophia; Storch, Thomas; Buchan, Samuel

Rodriguez, Susan (CONTR)

From: Menezes, Mark
Sent: Saturday, June 02, 2018 10:53 AM
To: Brouillette, Dan
Subject: SE Europe nat gas developments
Attachments: 20180602134656224.pdf

Mark W. Menezes
Under Secretary of Energy

U.S. Department of Energy
1000 Independence Ave., SW
Washington, DC 20585
Tel: (202) 586-8808



Rodriguez, Susan (CONTR)

From: Menezes, Mark
Sent: Sunday, June 03, 2018 1:47 PM
To: Colgary, James
Subject: RE: This upcoming week

Yes. Planning to.

From: Colgary, James <James.Colgary@hq.doe.gov>
Date: Sunday, Jun 03, 2018, 4:33 PM
To: Menezes, Mark <Mark.Menezes@hq.doe.gov>
Subject: FW: This upcoming week

Mark, hoping you can run the Monday morning meeting. S2 in Texas

From: Turenne, William <William.Turenne@hq.doe.gov>
Date: Sunday, Jun 03, 2018, 2:19 PM
To: Colgary, James <James.Colgary@hq.doe.gov>
Subject: FW: This upcoming week

Hey Jim,

Just a heads up that with Bob and Shaylyn on travel, and me out (see below) there won't be anyone to kick off the Monday meeting with a PA report.

(b) (6)

Thanks,
Bill

From: Turenne, William <William.Turenne@hq.doe.gov>
Date: Sunday, Jun 03, 2018, 9:50 AM
To: Hynes, Shaylyn <Shaylyn.Hynes@hq.doe.gov>, Kinney, Sara <Sara.Kinney@hq.doe.gov>, Szymanski, Jessica <Jessica.Szymanski@hq.doe.gov>, Liben, Paul <Paul.Liben@hq.doe.gov>, Rousseaux, Charles <charles.rousseau@HQ.DOE.Gov>, Myers, Robert V. <Robbie.Myers@hq.doe.gov>, Ktenas, Bianca <Bianca.Ktenas@hq.doe.gov>, Palazzo, Lia M. <Lia.Palazzo@hq.doe.gov>
Cc: Atkinson-Hyman, Debra <Debra.Atkinson-Hyman@hq.doe.gov>, Herron, Vernon <Vernon.Herron@hq.doe.gov>, Haus, Bob <Bob.Haus@hq.doe.gov>

Subject: This upcoming week

Hey guys,

(b) (6)

Shaylyn, if possible, please keep me in the loop with call in numbers for any meetings (especially with the FO).

Jess, you have point on any concurrence packages.

Sorry guys. Thanks for your patience and understanding as I work through this.

Bill
(b) (6)

work cell
personal cell

Rodriguez, Susan (CONTR)

From: Menezes, Mark
Sent: Sunday, June 03, 2018 3:28 PM
To: Dabbar, Paul
Cc: Varnasidis, Sophia; Ellis, Kristen
Subject: RE: SC strategy sit down

Yes. Thanks, Paul. Would you mind^{(b) (5)}
(b) (5)

From: Dabbar, Paul <Paul.Dabbar@hq.doe.gov>
Date: Sunday, Jun 03, 2018, 4:13 PM
To: Menezes, Mark <Mark.Menezes@hq.doe.gov>
Cc: Varnasidis, Sophia <Sophia.Varnasidis@hq.doe.gov>, Ellis, Kristen <Kristen.Ellis@em.doe.gov>
Subject: SC strategy sit down

Mark:

Hope all is well

(b) (5)

If there are any others you might want to attend let me know. Like from Policy, etc.

Paul

Paul M. Dabbar | Under Secretary for Science | U.S. Department of Energy |
James V. Forrestal Building | Department of Energy Headquarters |
1000 Independence Ave, S.W., Washington D.C. 20585 USA |

Executive Assistant: Sabrina Smith | T: +1 202 586 5784 | Sabrina.Smith@em.doe.gov

Rodriguez, Susan (CONTR)

From: Menezes, Mark
Sent: Sunday, June 03, 2018 3:35 PM
To: Hynes, Shaylyn
Cc: Wilmot, Dan;Colgary, James;Burnison, Melissa;Bolton, Dwayne S.;Cunningham, Sean;Fibbe, George;Turenne, William;Haus, Bob;Lotto, Adrienne;Varnasidis, Sophia;Walker, Bruce;Everett, Max;McCormack, Brian;Wallwork, Luke
Subject: RE: *For S1-Quick Review Needed*

(b) (5)
 Looks ok to me.

From: Hynes, Shaylyn <Shaylyn.Hynes@hq.doe.gov>
Date: Sunday, Jun 03, 2018, 5:59 PM
To: Menezes, Mark <Mark.Menezes@hq.doe.gov>
Cc: Wilmot, Dan <Dan.Wilmot@hq.doe.gov>, Colgary, James <James.Colgary@hq.doe.gov>, Burnison, Melissa <Melissa.Burnison@hq.doe.gov>, Bolton, Dwayne S. <Dwayne.Bolton@hq.doe.gov>, Cunningham, Sean <Sean.Cunningham@hq.doe.gov>, Fibbe, George <George.Fibbe@hq.doe.gov>, Turenne, William <William.Turenne@hq.doe.gov>, Haus, Bob <Bob.Haus@hq.doe.gov>, Lotto, Adrienne <Adrienne.Lotto@hq.doe.gov>, Varnasidis, Sophia <Sophia.Varnasidis@hq.doe.gov>, Walker, Bruce <Bruce.Walker@hq.doe.gov>, Everett, Max <Max.Everett@hq.doe.gov>, McCormack, Brian <Brian.McCormack@hq.doe.gov>, Wallwork, Luke <Luke.Wallwork@hq.doe.gov>
Subject: *For S1-Quick Review Needed*

All,

Greetings from Austin, hope everyone had a nice weekend. Please review this updated version of S1's remarks for the DOE Cyber Conference tomorrow morning. They touch on the Department's Cyber efforts, last week's news from the White House and also mention the Cyber report that came out last week.

If you concur, please respond saying so. If you have changes, please track them in the document attached.

We need this as soon as possible.

Thank you!
 Shaylyn

Rodriguez, Susan (CONTR)

Subject: Meeting with S3 and Mr. Owendoff
Location: Manhattan Project Conference Room

Start: Mon 6/4/2018 6:30 AM
End: Mon 6/4/2018 7:00 AM
Show Time As: Tentative

Recurrence: (none)

Meeting Status: Not yet responded

Organizer: Menezes, Mark
Required Attendees: Owendoff, James
Optional Attendees: Cade, Steven

Rodriguez, Susan (CONTR)

From: Menezes, Mark
Sent: Monday, June 04, 2018 8:41 AM
To: Cade, Steven
Subject: FW: P/C; Pre-decisional: Available times

From: Menezes, Mark <Mark.Menezes@hq.doe.gov>
Date: Friday, Jun 01, 2018, 6:24 PM
To: lawrence.makovitch@ihsmarkit.com <lawrence.makovitch@ihsmarkit.com>
Cc: Cody, Bill <Bill.Cody@hq.doe.gov>
Subject: P/C; Pre-decisional: Available times

PRE-DECISIONAL
PRIVILEGED AND CONFIDENTIAL

Larry,
I can be available this Tuesday or Wed 11-4 pm. Let me know what's convenient for you. Also, can you remind who is your DOE contact? I'm not able to find Ms. Rosenbloom.
I've added Mr. Cody who is in our GC office to ensure the confidentiality of our communications.
Mark

Mark W. Menezes
Under Secretary of Energy

U.S. Department of Energy
1000 Independence Ave., SW
Washington, DC 20585
Tel: (202) 586-8808



Rodriguez, Susan (CONTR)

Subject: Call with Tom Werner (SunPower)
Location: Manhattan Project Conference Room

Start: Mon 6/4/2018 10:00 AM
End: Mon 6/4/2018 10:30 AM
Show Time As: Tentative

Recurrence: (none)

Meeting Status: Not yet responded

Organizer: Menezes, Mark
Required Attendees: Simmons, Daniel; Fitzsimmons, Alexander

Call In #^{(b) (6)}

Rodriguez, Susan (CONTR)

Subject: Mtg to discuss lists
Location: Manhattan Conference Room

Start: Mon 6/4/2018 10:30 AM
End: Mon 6/4/2018 11:00 AM
Show Time As: Tentative

Recurrence: (none)

Meeting Status: Not yet responded

Organizer: Menezes, Mark
Required Attendees: McCormack, Brian; Burnison, Melissa; Atkins, Elise; Varnasidis, Sophia; Steve Cade (Steven.Cade@hq.doe.gov)

Rodriguez, Susan (CONTR)

From: Menezes, Mark
Sent: Monday, June 04, 2018 12:39 PM
To: Varnasidis, Sophia
Subject: FW: Letter to Secretary Perry, EO 13834
Attachments: EO 13834 - Letter to Sec. Perry.pdf

From: Siegel, Dee S. EOP/CEQ (b) (6)
Date: Monday, Jun 04, 2018, 3:32 PM
To: Menezes, Mark <Mark.Menezes@hq.doe.gov>
Cc: Simmons, Daniel <Daniel.Simmons@ee.doe.gov>, Hogan, Kathleen <Kathleen.Hogan@ee.doe.gov>, Nicholls, Leslie <Leslie.Nicholls@EE.DOE.Gov>
Subject: Letter to Secretary Perry, EO 13834

Dear Mr. Menezes,

(b) (5)

Best,

Dee Siegel
Deputy Chief Sustainability Officer
White House Council on Environmental Quality
(b) (6)

Rodriguez, Susan (CONTR)

From: Menezes, Mark
Sent: Monday, June 04, 2018 5:02 PM
To: Hynes, Shaylyn; Varnasidis, Sophia
Cc: Cade, Steven
Subject: RE: EIA

I'm ready to take questions on it. I modified my speech to address the issue in greater detail.

From: Hynes, Shaylyn <Shaylyn.Hynes@hq.doe.gov>
Date: Monday, Jun 04, 2018, 8:00 PM
To: Menezes, Mark <Mark.Menezes@hq.doe.gov>, Varnasidis, Sophia <Sophia.Varnasidis@hq.doe.gov>
Cc: Cade, Steven <Steven.Cade@hq.doe.gov>
Subject: RE: EIA

Note; I will meet you all there. I plan to go early to scope it out.

From: Hynes, Shaylyn <Shaylyn.Hynes@hq.doe.gov>
Date: Monday, Jun 04, 2018, 6:59 PM
To: Menezes, Mark <Mark.Menezes@hq.doe.gov>, Varnasidis, Sophia <Sophia.Varnasidis@hq.doe.gov>
Cc: Cade, Steven <Steven.Cade@hq.doe.gov>
Subject: EIA

Good evening,

Tomorrow morning there will be a sizeable media presence at EIA. I will be attending to assist there but They will likely want to talk to you after your speech. Would you be open to taking a few questions from reporters offstage? I can moderate and control.

I am in the air on the way back from Texas but will be on the ground in 30 minutes or so. Happy to discuss tonight or in the morning.

Thanks!
Shaylyn

Rodriguez, Susan (CONTR)

Subject: FW: Meet with Steve Winberg and Mark Maddox
Location: 4G-084

Start: Tue 6/5/2018 7:30 AM
End: Tue 6/5/2018 8:00 AM
Show Time As: Tentative

Recurrence: (none)

Meeting Status: Not yet responded

Organizer: Menezes, Mark

-----Original Appointment-----

From: Menezes, Mark
Sent: Friday, May 11, 2018 5:07 PM
To: Menezes, Mark; Winberg, Steven; Maddox, Mark
Cc: Varnasidis, Sophia; Cade, Steven
Subject: Meet with Steve Winberg and Mark Maddox
When: Tuesday, June 05, 2018 10:30 AM-11:00 AM (UTC-05:00) Eastern Time (US & Canada).
Where: 4G-084

Rodriguez, Susan (CONTR)

From: Menezes, Mark
Sent: Tuesday, June 05, 2018 9:50 AM
To: Cade, Steven
Subject: Speech
Attachments: S3EIAJune2018.docx

Mark W. Menezes
Under Secretary of Energy

U.S. Department of Energy
1000 Independence Ave., SW
Washington, DC 20585
Tel: (202) 586-8808



Rodriguez, Susan (CONTR)

Subject: Meeting with Thomas Storch and Alan Yu
Location: Manhattan Project Conference Room

Start: Tue 6/5/2018 12:00 PM
End: Tue 6/5/2018 12:30 PM
Show Time As: Tentative

Recurrence: (none)

Meeting Status: Not yet responded

Organizer: Menezes, Mark
Required Attendees: Varnasidis, Sophia; Cade, Steven; Storch, Thomas; Alan Yu (Alan.Yu@Hq.Doe.Gov)

Discuss: Natural Gas Task Force Update & World Gas Conference

Rodriguez, Susan (CONTR)

From: Menezes, Mark
Sent: Tuesday, June 05, 2018 2:50 PM
To: Gordon-Hagerty, Lisa
Cc: Varnasidis, Sophia; Jaworowski, Suzanne; Fremont, Douglas
Subject: Invitation to speak

Administrator Gordon-Hagerty,

The Office of Nuclear Energy is planning an event for the Women In Nuclear DC Chapter on Nuclear Propulsion.

We would like to extend an invitation for you to speak and serve on the panel. The panel speakers will also include a female NASA scientist.

The event will be on Wednesday, July 11, 2018 from 6:00-7:00PM at NASA Headquarters, 300 E Street, SW Washington, DC in the 2nd Floor Event Room.

A networking and happy hour event will follow the panel. Your role will be to introduce yourself and talk about your mission at NNSA, then answer questions as part of the panel.

It would be an honor if you could participate. Please let us know as soon as conveniently possible.

Sincerely,

/s

Mark Menezes
Undersecretary of Energy

Rodriguez, Susan (CONTR)

From: Menezes, Mark
Sent: Tuesday, June 05, 2018 4:50 PM
To: Lally, Brian
Cc: Lucas, John T.
Subject: RE: (b) (5)

Thank you, Brian.

From: Lally, Brian <Brian.Lally@hq.doe.gov>
Date: Tuesday, Jun 05, 2018, 7:15 PM
To: Menezes, Mark <Mark.Menezes@hq.doe.gov>
Cc: Lucas, John T. <John.T.Lucas@hq.doe.gov>
Subject: (b) (5)

Mark,

Re: (b) (5)

(b) (5)

If you have any additional questions please feel free to contact me.

Best,
Brian

Brian Lally
Assistant General Counsel
for Technology Transfer and Intellectual Property (GC-62)
United States Department of Energy
202-230-7592

NOTICE: Information contained in this transmission to the named addressee may contain confidential information and is subject to attorney-client privilege and work product confidentiality. If the recipient of this transmission is not the

named addressee, the recipient should immediately notify the sender and destroy the information transmitted without making any copy or distribution thereof.

Rodriguez, Susan (CONTR)

Subject: Meeting with IHS
Location: Manhattan Project Conference Room

Start: Wed 6/6/2018 10:00 AM
End: Wed 6/6/2018 11:00 AM
Show Time As: Tentative

Recurrence: (none)

Meeting Status: Not yet responded

Organizer: Menezes, Mark
Required Attendees: Cunningham, Sean; Fibbe, George; Walker, Bruce; Varnasidis, Sophia; Steve Cade (Steven.Cade@hq.doe.gov)
Optional Attendees: Lotto, Adrienne

Rodriguez, Susan (CONTR)

Subject: S3 Pre-brief Meeting with IA
Location: S1 Secure Conference Room (b) (7)(E)

Start: Wed 6/6/2018 12:00 PM
End: Wed 6/6/2018 12:45 PM
Show Time As: Tentative

Recurrence: (none)

Meeting Status: Not yet responded

Organizer: Menezes, Mark
Required Attendees: Buchan, Samuel; Jewell, James; Catipon, Lauren

Rodriguez, Susan (CONTR)

Subject: Meeting with S3, Scott Moe, Premier of Saskatchewan and Ambassador David Wilkins
Location: Manhattan Project Conference Room

Start: Wed 6/6/2018 12:45 PM
End: Wed 6/6/2018 1:15 PM
Show Time As: Tentative

Recurrence: (none)

Meeting Status: Not yet responded

Organizer: Menezes, Mark
Required Attendees: Garrish, Theodore; Storch, Thomas; Buchan, Samuel; McGinnis, Edward; Winberg, Steven; Varnasidis, Sophia
Optional Attendees: Cade, Steven; NE1Schedule

Rodriguez, Susan (CONTR)

Subject: S3 Weekly Briefing
Location: Room, (b) (7)(E)

Start: Wed 6/6/2018 1:30 PM
End: Wed 6/6/2018 2:00 PM
Show Time As: Tentative

Recurrence: Weekly
Recurrence Pattern: every Wednesday from 4:00 PM to 4:30 PM

Meeting Status: Not yet responded

Organizer: Menezes, Mark
Required Attendees: Deters, Thomas J.; Gupton, Jonathan P.; Asghedom, Asmeret D.; Slaiman, Max D.

Good Morning,
Due to room availability, we will need to adjust the location and time for this week's briefing for S3 to 4:30PM in room (b) (7)(E). Thanks!

Rodriguez, Susan (CONTR)

Subject: S3 Daily Team Meeting
Location: S3's Office

Start: Wed 6/6/2018 2:00 PM
End: Wed 6/6/2018 2:30 PM
Show Time As: Tentative

Recurrence: Daily
Recurrence Pattern: every weekday from 4:30 PM to 5:00 PM

Meeting Status: Not yet responded

Organizer: Menezes, Mark
Required Attendees: Varnasidis, Sophia; Cade, Steven; Sanford, Jessica L.; Budd, Hunter

Rodriguez, Susan (CONTR)

Subject: Meeting with S3, Scott Moe, Premier of Saskatchewan and Ambassador David Wilkins
Location: TBD

Start: Thu 6/7/2018 9:30 AM
End: Thu 6/7/2018 10:00 AM
Show Time As: Tentative

Recurrence: (none)

Meeting Status: Not yet responded

Organizer: Menezes, Mark
Required Attendees: Garrish, Theodore; Storch, Thomas; Buchan, Samuel

Rodriguez, Susan (CONTR)

Subject: Meeting with S3, Scott Moe, Premier of Saskatchewan and Ambassador David Wilkins
Location: Manhattan Project Conference Room

Start: Thu 6/7/2018 9:30 AM
End: Thu 6/7/2018 10:00 AM
Show Time As: Tentative

Recurrence: (none)

Meeting Status: Not yet responded

Organizer: Menezes, Mark
Required Attendees: Garrish, Theodore; Storch, Thomas; Buchan, Samuel; McGinnis, Edward; Winberg, Steven;
Varnasidis, Sophia
Optional Attendees: Cade, Steven

Rodriguez, Susan (CONTR)

Subject: Hold- Pre-brief for S3's meeting with 1366 Technologies
Location: TBD

Start: Thu 6/7/2018 1:00 PM
End: Thu 6/7/2018 1:30 PM
Show Time As: Tentative

Recurrence: (none)

Meeting Status: Not yet responded

Organizer: Menezes, Mark

Required Attendees: Prochaska, Conner H.; Sneed, John; Simmons, Daniel; Fitzsimmons, Alexander;
Varnasidis, Sophia; Cade, Steven

Rodriguez, Susan (CONTR)

Subject: S3 FORGE Briefing
Location: Manhattan Project Conference Room

Start: Fri 6/8/2018 6:30 AM
End: Fri 6/8/2018 7:00 AM
Show Time As: Tentative

Recurrence: (none)

Meeting Status: Not yet responded

Organizer: Menezes, Mark
Required Attendees: Simmons, Daniel; Fitzsimmons, Alexander

Rodriguez, Susan (CONTR)

Subject: S3 FORGE Briefing
Location: Manhattan Project Conference Room

Start: Fri 6/8/2018 6:30 AM
End: Fri 6/8/2018 7:00 AM
Show Time As: Tentative

Recurrence: (none)

Meeting Status: Not yet responded

Organizer: Menezes, Mark
Required Attendees: Simmons, Daniel; Fitzsimmons, Alexander; Unruh, Timothy; Garson, Jennifer; Hamm, Susan; Boyd, Lauren

Rodriguez, Susan (CONTR)

Subject: Meet with Frank van Mierlo, CEO of 1366 Technologies
Location: Manhattan Project Conference Room

Start: Fri 6/8/2018 7:00 AM
End: Fri 6/8/2018 7:30 AM
Show Time As: Tentative

Recurrence: (none)

Meeting Status: Not yet responded

Organizer: Menezes, Mark
Required Attendees: Simmons, Daniel; Fitzsimmons, Alexander

Rodriguez, Susan (CONTR)

Subject: Meet with Stu Solomon and Mike Hewitt with IP3
Location: Manhattan Project Conference Room

Start: Fri 6/8/2018 7:30 AM
End: Fri 6/8/2018 8:00 AM
Show Time As: Tentative

Recurrence: (none)

Meeting Status: Not yet responded

Organizer: Menezes, Mark
Required Attendees: McGinnis, Edward

Topic: IP3 Update from previous meeting (4/3/18)

Rodriguez, Susan (CONTR)

Subject: Meeting with S3 and Devon Streit
Location: Manhattan Project Conference Room

Start: Fri 6/8/2018 8:30 AM
End: Fri 6/8/2018 9:00 AM
Show Time As: Tentative

Recurrence: (none)

Meeting Status: Not yet responded

Organizer: Menezes, Mark
Required Attendees: Streit, Devon (Lisa) HQ

Rodriguez, Susan (CONTR)

Subject: Bi-Weekly Meeting with Melissa Burnison
Location: Manhattan Project Conference Room

Start: Wed 6/20/2018 8:30 AM
End: Wed 6/20/2018 9:00 AM
Show Time As: Tentative

Recurrence: Weekly
Recurrence Pattern: every 2 week(s) on Wednesday from 11:30 AM to 12:00 PM

Meeting Status: Not yet responded

Organizer: Menezes, Mark
Required Attendees: Burnison, Melissa; Varnasidis, Sophia



Department of Energy
Washington, DC 20585

Mr. Mohammed Aslami
Union of Concerned Scientists
1825 K Street N.W., Suite 800
Washington, D.C. 20006

SEP 3 0 2019

Via email: maslami@ucsusa.org

Re: HQ-2018-01472-F

Dear Mr. Aslami:

This is a partial response to the request for information that you sent to the Department of Energy (DOE) under the Freedom of Information Act (FOIA), 5 U.S.C. § 552. You requested:

All emails, email attachments, or calendar invitations/entries sent or received by Travis Fisher that contain any of the following terms:

- a. "PPD-21"
- b. "Critical electric Infrastructure"
- c. "Electric reliability organization"
- d. "RTO"
- e. "Sector specific agency"
- f. "Fuel Secure"
- g. "Critical Infrastructure"
- h. "Defense Electric Infrastructure"
- i. "202(c)"
- j. "Federal Power Act"
- k. "FPA"
- l. "Resilience"
- m. "Defense Production Act"
- n. "DPA"
- o. "Strategic generation electric reserve"
- p. "eop.gov"
- q. "S1"

Provide records from March 1, 2017 to April 15, 2018.

All emails, email attachments, or calendar invitations/entries sent or received by Bernard McNamee that contain any of the following terms:



- a. "PPD-21"
- b. "Critical electric Infrastructure"
- c. "Electric reliability organization"
- d. "RTO"
- e. "Sector specific agency"
- f. "Fuel Secure"
- g. "Critical Infrastructure"
- h. "Defense Electric Infrastructure"
- i. "202(c)"
- j. "Federal Power Act"
- k. "FPA"
- l. "Resilience"
- m. "Defense Production Act"
- n. "DPA"
- o. "Strategic generation electric reserve"
- p. "eop.gov"
- q. "S1"

· Provide records from January 1, 2018 to the present.

In a Joint Status Report filed on February 4, 2019, Plaintiff agreed to "waive the production of publicly available news articles, subscription-based articles, and news clippings/briefings, provided that such documents have not been forwarded with additional comment by or to DOE or FERC custodians." Plaintiff also agreed to "waive the production of attachments to responsive documents except for those attachments specifically requested by Plaintiff."

In an email dated February 14, 2019, Hart Wood, on behalf of Union of Concerned Scientists (UCS), wrote concerning this request that "UCS agrees to exclude 'Federal Power Act,' 'FPA,' 'Electric reliability organization,' and 'RTO' as keywords for this request." In the same email, Mr. Wood stated, "UCS agrees to exclude 'eop.gov' as a keyword but still requests emails sent to or from email addresses ending in 'eop.gov.'"

Your request was assigned to DOE's Office of Electricity Delivery and Energy Reliability (OE), Office of the General Counsel (GC), and Office of Policy (OP) to conduct a search of their files for responsive documents.

DOE started its search on August 21, 2018, which is the cut-off date for responsive documents. DOE provided you with a first partial response on April 19, 2019, consisting of fifteen (15) documents. DOE provided you with a second partial response on May 17, 2019, consisting of forty-one (41) documents. DOE provided you with a third partial response on June 26, 2019, consisting of sixty-nine (69) documents. DOE provided you with a fourth partial response on July 31, 2019, consisting of eighty-nine (89) documents. DOE also provided you with a fifth partial response on August 30, 2019, consisting of eighty-one (81) documents.

At this time, DOE has located seventy-nine (79) documents responsive to your request. These documents are being released to you as described in the accompanying index. DOE is

continuing to process your request for additional responsive documents, which will be provided to you in subsequent responses.

Upon review, DOE has determined that certain information in the documents should be withheld pursuant to Exemptions 3, 4, 5, and 6 of the FOIA, 5 U.S.C. § 552 (b)(3), (b)(4), (b)(5), and (b)(6).

Exemption 3 protects from disclosure information “specifically exempted from disclosure by statute (other than section 552(b) of this title), if that statute--(A)(i) requires that the matters be withheld from the public in such a manner as to leave no discretion on the issue; or (ii) establishes particular criteria for withholding or refers to particular types of matters to be withheld[.]” The National Security Act of 1947, 50 U.S.C. § 3001, et seq..., is one such statute that falls within the coverage of Exemption 3. See *CIA v. Sims*, 471 U.S. 159, 167 (1985)(“Section 102(d)(3) of the National Security Act of 1947, which calls for the Director of Central Intelligence to protect ‘intelligence sources and methods,’ clearly ‘refers to particular types of matters,’ 5 U.S.C. § 552(b)(3)(B), and thus qualifies as a withholding statute under Exemption 3.”).

The Act permits the redactions of both sensitive unclassified information and classified information; such as intelligence methodology and intelligence and counterintelligence personnel involved in these activities. The information withheld under Exemption 3 consists of the names of intelligence community personnel, the disclosure of which could reveal the nature of intelligence activities.

Exemption 4 of the FOIA protects “trade secrets and commercial or financial information obtained from a person and privileged or confidential.” 5 U.S.C. § 552(b)(4). This exemption is intended to protect the interests of both the Government and submitters of information. Exemption 4 affords protection to submitters who provide trade secrets, or commercial or financial information to the Government by safeguarding them from the competitive disadvantages that could result from disclosure. The exemption covers two broad categories of information in Federal agency records: 1) trade secrets, and 2) information that is (a) commercial or financial and (b) obtained from a person, and (c) privileged or confidential.

The information withheld under Exemption 4 includes sensitive commercial and financial information that is maintained in confidence by the submitter and is not available in public sources. The proprietary information withheld includes descriptions of business strategies, and energy markets and policies, whose disclosure would be in violation of the submitter’s duty of confidentiality or contractual obligations. Furthermore, disclosure may curtail companies from providing such information to the government in the future. For these reasons, this information is being withheld.

Exemption 5 protects “inter-agency or intra-agency memorandums or letters that would not be available by law to a party other than an agency in litigation with the agency.” 5 U.S.C. § 552(b)(5). This exemption has been construed to exempt those documents normally privileged in the civil discovery context, such as attorney-client communications, attorney-work product documents, and deliberative process material.

Some of the information withheld under Exemption 5 has been deemed pre-decisional and deliberative in nature, including pre-decisional discussions between DOE staff. The DOE may consider these preliminary views as part of the process that will lead to the agency's final decision about these matters. The information does not represent a final agency position, and its release would compromise the deliberative process by which the government makes its decisions.

With respect to the discretionary disclosure of deliberative information, the quality of agency decisions would be adversely affected if frank, written discussion of policy matters were inhibited by the knowledge that the content of such discussion might be made public. For this reason, DOE has determined that discretionary disclosure of the deliberative material is not in the public interest because foreseeable harm could result from such disclosure.

In addition, some of these documents contain communications involving DOE attorneys and are being withheld under the attorney work-product and/or attorney client communication privileges. The information in these documents includes deliberations of litigation strategy and information prepared by attorneys in anticipation of litigation. Further, several documents contain confidential communications between DOE attorneys and the staff of the program office to which they provide legal advice.

Lastly, some of these records would be subject to the presidential communications privilege, which applies to communications made in the process of arriving at presidential decisions and protects those communications in their entirety. This privilege protects both direct communications with the President and communications with White House advisors in connection with presidential decision-making.

Exemption 6 is generally referred to as the "personal privacy" exemption; it provides that the disclosure requirements of FOIA do not apply to "personnel and medical files and similar files the disclosure of which would constitute a clearly unwarranted invasion of personal privacy." In applying Exemption 6, the DOE considered: 1) whether a significant privacy interest would be invaded; 2) whether the release of the information would further the public interest by shedding light on the operations or activities of the Government; and 3) whether in balancing the privacy interests against the public interest, disclosure would constitute a clearly unwarranted invasion of privacy.

The information withheld under Exemption 6 consists of personal cell phone numbers, private email addresses, and other personal information. This information qualifies as "similar files" because it is information in which an individual has a privacy interest. Since no public interest would be served by disclosing this information, and since there is a viable privacy interest that would be threatened by such disclosure, Exemption 6 authorizes withholding the information. Therefore, we have determined that the public interest in releasing this information does not outweigh the overriding privacy interests in keeping this information confidential.

This satisfies the standard set forth in the Attorney General's March 19, 2009, memorandum that when a FOIA request is denied, agencies will be defended and justified in not releasing the

material on a discretionary basis “if (1) the agency reasonably foresees that disclosure will harm an interest protected by one of the statutory exemptions, or (2) disclosure is prohibited by law.” The Attorney General’s memorandum also provides that whenever full disclosure of a record is not possible, agencies “must consider whether they can make a partial disclosure.” Thus, we have determined that, in certain instances, a partial disclosure is proper. This also satisfies DOE’s regulations at 10 C.F.R. § 1004.1 to make records available which it is authorized to withhold under 5 U.S.C. § 552 when it determines that such disclosure is in the public interest. Accordingly, we will not disclose this information.

Pursuant to 10 C.F.R. § 1004.7(b)(2), I am the individual responsible for the determination to withhold the information described above. The FOIA requires that “any reasonably segregable portion of a record shall be provided to any person requesting such record after deletion of the portions which are exempt,” 5 U.S.C. § 552(b). As a result, a redacted version of the documents is being released to you in accordance with 10 C.F.R. § 1004.7(b)(3).

This determination may be appealed within 90 calendar days from your receipt of this letter pursuant to 10 C.F.R. § 1004.8. Appeals should be addressed to Director, Office of Hearings and Appeals, HG-1, L’Enfant Plaza, U.S. Department of Energy, 1000 Independence Avenue, S.W., Washington, D.C. 20585-1615. The written appeal, including the envelope, must clearly indicate that a FOIA appeal is being made. You may also submit your appeal by e-mail to OHA.filings@hq.doe.gov, including the phrase “Freedom of Information Appeal” in the subject line (this is the method preferred by the Office of Hearings and Appeal). The appeal must contain all the elements required by 10 C.F.R. § 1004.8, including a copy of the determination letter. Thereafter, judicial review will be available to you in the Federal District Court either (1) in the district where you reside, (2) where you have your principal place of business, (3) where DOE’s records are situated, or (4) in the District of Columbia.

You may contact DOE’s FOIA Public Liaison, Alexander Morris, FOIA Officer, Office of Public Information, at 202-586-5955, or by mail at MA-46/Forrestal Building, 1000 Independence Avenue, S.W., Washington, D.C. 20585, for any further assistance and to discuss any aspect of your request. Additionally, you may contact the Office of Government Information Services (OGIS) at the National Archives and Records Administration to inquire about the FOIA mediation services they offer. The contact information for OGIS is as follows: Office of Government Information Services, National Archives and Records Administration, 8601 Adelphi Road-OGIS, College Park, Maryland 20740-6001, e-mail at ogis@nara.gov; telephone at 202-741-5770; toll free at 1-877-684-6448; or facsimile at 202-741-5769.

The FOIA provides for the assessment of fees for the processing of requests. *See* 5 U.S.C. § 552(a)(4)(A)(i); *see also* 10 C.F.R. § 1004.9(a). In our letter dated August 20, 2018, you were advised that your request was placed in the “news media” category for fee purposes. Requesters in this category are charged fees for duplication only and are provided 100 pages at no cost. In that same letter, you were informed that your fee waiver request was granted. Therefore, no fees will be charged for processing your request.

DOE is continuing to process your request. If you have any questions about the processing of the request or this letter, you may contact Mr. Stefan Martinez in this office at MA-46/Forrestal Building, 1000 Independence Avenue, S.W., Washington, D.C. 20585, or at (202) 586-9141.

I appreciate the opportunity to assist you with this matter.

Sincerely,

A handwritten signature in black ink, appearing to read 'Alex Morris', with a stylized flourish extending to the right.

Alexander C. Morris
FOIA Officer
Office of Public Information

INDEX

Request #: HQ-2018-01472-F:

Sixth partial response to request from Mr. Mohammed Aslami for:

All emails, email attachments, or calendar invitations/entries sent or received by Travis Fisher that contain any of the following terms:

- a. "PPD-21"
- b. "Critical electric Infrastructure"
- c. "Electric reliability organization"
- d. "RTO"
- e. "Sector specific agency"
- f. "Fuel Secure"
- g. "Critical Infrastructure"
- h. "Defense Electric Infrastructure"
- i. "202(c)"
- j. "Federal Power Act"
- k. "FPA"
- l. "Resilience"
- m. "Defense Production Act"
- n. "DPA"
- o. "Strategic generation electric reserve"
- p. "eop.gov"
- q. "S1"

Provide records from March 1, 2017 to April 15, 2018. All emails, email attachments, or calendar invitations/entries sent or received by Bernard McNamee that contain any of the following terms:

- a. "PPD-21"
- b. "Critical electric Infrastructure"
- c. "Electric reliability organization"
- d. "RTO"
- e. "Sector specific agency"
- f. "Fuel Secure"
- g. "Critical Infrastructure"
- h. "Defense Electric Infrastructure"
- i. "202(c)"
- j. "Federal Power Act"
- k. "FPA"
- l. "Resilience"
- m. "Defense Production Act"
- n. "DPA"

- o. “Strategic generation electric reserve”**
- p. “eop.gov”**
- q. “S1”**

Provide records from January 1, 2018 to the present.

At this time, DOE has identified seventy-nine (79) additional documents responsive to your request.

- Seventeen (17) documents *are being released in full.*
- Sixty-one (61) documents *are being withheld in part pursuant to Exemption 3, 4, 5, and 6.*
- One (1) document *is being withheld in full pursuant to Exemption 5.*
 - Document number 5 is an email string dated July 17, 2018 to July 20, 2018 and withheld in full under Exemption 5.

Document 1

From: Gerdes, Stan on behalf of S1 Schedule
To: McCormack, Brian; Wilmot, Dan; Wallwork, Luke; Menezes, Mark; Walker, Bruce; McNamee II, Bernard; Burnison, Melissa; Bolton, Dwayne S.; Dannenfelser, Marty; Hynes, Shavlyn; Liben, Paul
Cc: Varnasidis, Sophia; Lotto, Adrienne; Yunaska, Kyle; Sanford, Jessica L.; Harris, Aleisha (CONTR); Edmonds, Melissa (CONTR); Cortes, Farzaneh (CONTR)
Subject: Prep for Congressional Western Caucus Lunch

From: Fores, Jim
To: DL-OP-ALLFED; Christina.A.Cody(b) (6) nathaniel.c.homer.civ@mail.mil; Aqan, John;
Elke.L.HodsonMarten@ (b) (6) ; Tristan.C.Abbey@ (b) (6)
Subject: Time and Attendance Due!
Date: Thursday, July 19, 2018 10:09:00 AM
Attachments: ATAAPS Codes.pdf
Timesheet Steps for Telework.ppt
Timesheet Steps to Concur.docx
Importance: High

Good morning,

This is a friendly reminder to enter your time and attendance into ATAAPS for this pay period; dates are July 8th – 21st, 2018. Please complete your entry in ATAAPS by noon Friday, July 20th. If you anticipate being out of the office on the due date, you can record your time in advance.

Please "Concur" your timesheet once you've completed your entry. This will ensure that we know you've completed your entry and that your timesheet is ready to be certified by management. Screen shots with instructions and a listing of codes are attached.

Please let me know if you have any questions.

Thank you
Jimmy Fores
Administrative Officer
Office of Corporate Services (OP-11)
U.S. Department of Energy
jim.fores@hq.doe.gov
Phone: 202-586-3060
Fax: 202-287-5899

From: Frazier, Amanda
To: McNamee II, Bernard; Morgan, Curt; Blocker, Sano
Cc: Sierra Room 3w8
Subject: Re: Short Call Regarding Resilience
Date: Friday, July 20, 2018 2:10:12 AM

Document 3

Thanks Bernie. 9:30CT/10:30ET works for me, too.

Amanda Frazier
O:512.349.6442
C:(b) (6)

From: McNamee II, Bernard <bernard.mcnamee@hq.doe.gov>
Sent: Thursday, July 19, 2018 9:59 PM
To: Morgan, Curt; Blocker, Sano
Cc: Frazier, Amanda; Sierra Room 3w8
Subject: RE: Short Call Regarding Resilience

EXTERNAL EMAIL

I can do 10:30 est. but have hard stop at 11:00. Thanks. Bernie.

From: Morgan, Curt <curt.morgan@vistraenergy.com>
Date: Thursday, Jul 19, 2018, 10:50 PM
To: Blocker, Sano <sano.blocker@vistraenergy.com>
Cc: Frazier, Amanda <amanda.frazier@vistraenergy.com>, McNamee II, Bernard <Bernard.McNamee@hq.doe.gov>, Sierra Room 3w8 <sierraroom3w8@vistraenergy.com>
Subject: Re: Short Call Regarding Resilience

Yes

Sent from my iPhone

On Jul 19, 2018, at 9:49 PM, Blocker, Sano <sano.blocker@vistraenergy.com> wrote:

That works for me - and that would be 10:30 EST. Correct?

Sano Blocker
Sr. Vice President
Government Affairs
Vistra Energy Luminant TXU Energy

On Jul 19, 2018, at 9:48 PM, Morgan, Curt <curt.morgan@vistraenergy.com> wrote:

Can we do this at 9:30?

Short Call Regarding Resilience

Scheduled: Friday, Jul 20, 2018 from 9:00 AM to 9:30 AM

Location: Sierra Room 3w8 / Mobile dial-in: (b) (6)
(b) (6)

Invitees: Frazier, Amanda (amanda.frazier@vistraenergy.com),
bernard.mcnamee@hq.doe.gov, Blocker, Sano, Sierra Room 3w8

Sent from my iPhone

Confidentiality Notice: This email message, including any attachments, contains or may contain confidential information intended only for the addressee. If you are not an intended recipient of this message, be advised that any reading, dissemination, forwarding, printing, copying or other use of this message or its attachments is strictly prohibited. If you have received this message in error, please notify the sender immediately by reply message and delete this email message and any attachments from your system.

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From: Konieczny, Katherine
To: McNamee II, Bernard
Subject: Accepted: Resilience Matters

Document 4

(b)
(5)

Document 5

(b) (5)

(b) (5)

From: Fibbe, George
To: McNamee II, Bernard
Subject: Accepted: Resilience Matters

From: Yunaska, Kyle
To: McNamee II, Bernard
Subject: FW: CONCURRENCE: 2017-009652 Departmental Mission Essential Functions Revalidation
Date: Friday, July 20, 2018 7:09:32 PM
Attachments: 2017-009652 Action Memo.doc
2017-009652 Background.pdf
2017-009652 Enclosure.doc
2017-009652 Incoming.pdf
2017-009652 Response Letter.doc

Bernie,

This concurrence package looks fine to me. I wanted to give you the opportunity to review given the magnitude of mission essential functions. (b) (5)

PRIMARY MISSION ESSENTIAL FUNCTION – DOE #3:

(b) (5)

Descriptive Narrative: (b) (5)

Mission Essential Function (MEF) #3: (b) (5)

Descriptive Narrative: (b) (5)

Mission Essential Function (MEF) #9: (b) (5)

Descriptive Narrative: (b) (5)

Mission Essential Function (MEF) #12: (b) (5)

Descriptive Narrative: (b) (5)

Mission Essential Function (MEF) #14: (b) (5)

Descriptive Narrative: (b) (5)

(b) (5)

From: Sweeney, Terrenthia
Sent: Friday, July 20, 2018 12:00 PM
To: Yunaska, Kyle <Kyle.Yunaska@hq.doe.gov>
Cc: Lushetsky, John <John.Lushetsky@hq.doe.gov>; Cortes, Farzaneh (CONTR) <Farzaneh.Cortes@Hq.Doe.Gov>
Subject: CONCURRENCE: 2017-009652 Departmental Mission Essential Functions Revalidation

Good Morning Kyle,

Please review and provide OP concurrence on the attached documents.

This action was previously reviewed and is being submitted for final review and concurrence.

Your review is requested on this Collaborative Action Process. Please send your comments to the Executive Secretariat by the Review Deadline: COB TUESDAY JULY 24, 2018.

Title: Action memo to the Deputy Secretary from NA/Hopkins through NA/Gordon-Hagerty with memo to FEMA, Veatch

Subject: Departmental Mission Essential Functions Revalidation

Drafted By: NNSA

Signature Level: Dan Brouillette

Room Due Date: 7/24/2018 5:00:00 PM

From: [Yunaska, Kyle](#)
To: [McNamee II, Bernard](#)
Subject: FW: First Cut--Energy Fact Sheet One-Pager
Date: Friday, July 20, 2018 7:40:21 PM
Attachments: [Director's Energy Fact Sheet Template--One Page.docx](#)
[Energy Facts 7-19-2018--1500.docx](#)
[ENERGY FACT SHEET DATA-- OFFICE OF POLICY 7-20-2018 Time-1500.docx](#)

Document 8

FYI - most recent version of the Energy Fact Sheet one-pager attached.

-----Original Message-----

From: Sayles, Andre
Sent: Friday, July 20, 2018 4:00 PM
To: Yunaska, Kyle <Kyle.Yunaska@hq.doe.gov>
Cc: Lushetsky, John <John.Lushetsky@hq.doe.gov>; Powell, John <John.Powell@hq.doe.gov>
Subject: First Cut--Energy Fact Sheet One-Pager

Kyle,

I have attached Bernie's outline and the first draft of the Energy Fact Sheet one-pager.

--(b) (5)

--(b) (5)

--(b) (5)

I have also attached my original Data Matrix (23 pages).

(b) (5)

that EIA does not do this already.

. I will also confirm

All--Have a great weekend.

Andre Sayles
Office of Policy
U.S. Department of Energy
7B-034
202-586-7351

From: Cunningham, Sean
To: McNamee II, Bernard
Subject: Accepted: Resilience Matters

From: Frazier, Amanda
To: Blocker, Sano; Morgan, Curt; McNamee II, Bernard
Subject: Re: Short Call Regarding Resilience
Date: Friday, July 20, 2018 10:02:23 AM

Document 10

(b) (6) I wasn't able to get the calendar invitation updated, but we can use this same dial-in at 9:30CT/10:30ET. Thanks.

Amanda Frazier

O:512.349.6442

C:(b) (6)

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From: Storch, Thomas
To: McCormack, Brian; Wilmot, Dan; Colquary, James; Menezes, Mark; Varnasidis, Sophia; McNamee II, Bernard; Garrish, Theodore
Subject: Concept paper for July 30 Indo Pac Business Forum event
Date: Sunday, July 22, 2018 4:56:22 PM
Attachments: Asia EDGE Concept 2018 07 20 DOE.DOCX

DRAFT/PREDICTIONAL

(b) (5)

(b) (5)

From: Lotto, Adrienne
To: Liben, Paul
Cc: Habansky, Sarah; McNamee II, Bernard
Subject: (b) (5)
Date: Monday, July 23, 2018 1:43:41 PM

What info specifically? I don't recall Bruce saying we had that info but we can try to help.

Adrienne Lotto

Chief of Staff for Office of Electricity (OE) and
Cybersecurity, Energy Security and Emergency Response (CESER)
1000 Independence Avenue, SW
Room 8H-033
Washington, DC 20585
Tel: (202) 586-1117

-----Original Message-----

From: Liben, Paul
Sent: Monday, July 23, 2018 1:42 PM
To: Lotto, Adrienne <Adrienne.Lotto@hq.doe.gov>
Cc: Habansky, Sarah <Sarah.Habansky@hq.doe.gov>; McNamee II, Bernard <Bernard.McNamee@hq.doe.gov>
Subject: (b) (5)

Adrienne and Bernie,

S1 is requesting this info ASAP for tomorrow's Congressional Western Caucus remarks.

Bruce Walker said he had this info so we're circling back.

Thanks.

Paul

From: Liben, Paul
To: McNamee II, Bernard
Cc: McCormack, Brian; Menezes, Mark; Cunningham, Sean; Hynes, Shaylyn; Walker, Bruce; Lotto, Adrienne
Subject: RE: Coal and nuclear retirements
Date: Monday, July 23, 2018 2:42:42 PM

Document 13

Thanks so much, Bernie.

From: McNamee II, Bernard
Sent: Monday, July 23, 2018 2:29 PM
To: Liben, Paul <Paul.Liben@hq.doe.gov>
Cc: McCormack, Brian <Brian.Mccormack@hq.doe.gov>; Menezes, Mark <Mark.Menezes@hq.doe.gov>; Cunningham, Sean <Sean.Cunningham@hq.doe.gov>; Hynes, Shaylyn <Shaylyn.Hynes@hq.doe.gov>; Walker, Bruce <Bruce.Walker@hq.doe.gov>; Lotto, Adrienne <Adrienne.Lotto@hq.doe.gov>
Subject: Coal and nuclear retirements

Paul--

Between 2002 and April 2018, 672 coal generating units representing approximately 75,000 MW of generation capacity retired from the U.S. generation fleet. [Source: DOE Grid Study as updated by Office of Policy]

Coal-fired plants comprise more than 54 percent of the 12,837 MW of electric generating capacity that retired in 2017. [Source: Energy Information Administration, "Preliminary Monthly Electric Generator Inventory (based on Form EIA-860M as a supplement to Form EIA-860)," April 2018. Available at: <https://www.eia.gov/electricity/data/eia860m/>]

From 2013 to 2016, 4,666 MW of nuclear generating summer capacity (about 4.7 percent of the U.S. total for nuclear) went offline. Following the retirement of Fort Calhoun in 2016, the United States has 99 commercially operating units at 60 nuclear power plants. Since 2015, twelve nuclear units-- 11,730 MW--plan to retire. [Source: Office of Policy using EIA 860M "Preliminary Monthly Electric Generator Inventory," June 25, 2018.]

Each MW represents power for approximately 1000 homes. So though various coal and nuclear plants were replaced with other generating resources, mainly natural gas and renewables, we have lost large supplies of fuel-secure generation. Nuclear alone over the past 4 years represents 4.6 million homes not having this fuel secure resource (and each home represents a family, assume average of 3, so almost 14 million people. With an additional 11,730 MW of nuclear with plans to retire, that means an additional 11.7 million homes, and 35 million people.)

(b) (5)

(b) (5)

Thanks. Bernie

Bernard L. McNamee II

Executive Director

Office of Policy

U.S. Department of Energy

From: Liben, Paul
To: McNamee II, Bernard
Cc: McCormack, Brian; Menezes, Mark; Cunningham, Sean; Hynes, Shaylyn; Walker, Bruce; Lotto, Adrienne
Subject: RE: Subsidies
Date: Monday, July 23, 2018 2:49:40 PM

Thanks again, Bernie. I have the 72% figure but the explanations also help.

From: McNamee II, Bernard
Sent: Monday, July 23, 2018 2:46 PM
To: Liben, Paul <Paul.Liben@hq.doe.gov>
Cc: McCormack, Brian <Brian.Mccormack@hq.doe.gov>; Menezes, Mark <Mark.Menezes@hq.doe.gov>; Cunningham, Sean <Sean.Cunningham@hq.doe.gov>; Hynes, Shaylyn <Shaylyn.Hynes@hq.doe.gov>; Walker, Bruce <Bruce.Walker@hq.doe.gov>; Lotto, Adrienne <Adrienne.Lotto@hq.doe.gov>
Subject: Subsidies

Paul—(b) (5)

According to the DOE Staff Report (Grid Study):

72% of all the Fiscal Year 2013 Electricity Production Subsidies and Support went to renewables (wind, solar, hydro, geothermal, and biomass).

(b) (5)

Also according to the DOE Staff Report: quoting Power Magazine, September 2016:

The primary recent drivers of coal plant retirement announcements include low natural gas prices and new environmental regulations—especially the Mercury and Air Toxics Standards (MATS), Clean Water Act Section 316(b), and the Coal Combustion Residuals rule. Other contributing factors include more competitive markets and a variety of regional and state-level policies involving renewables and carbon pricing.

(b) (5)

Thanks. Bernie

From: McNamee II, Bernard

Sent: Monday, July 23, 2018 2:29 PM

To: Liben, Paul <Paul.Liben@hq.doe.gov>

Cc: McCormack, Brian <Brian.Mccormack@hq.doe.gov>; Menezes, Mark <Mark.Menezes@hq.doe.gov>; Cunningham, Sean <Sean.Cunningham@hq.doe.gov>; Hynes, Shaylyn <Shaylyn.Hynes@hq.doe.gov>; Walker, Bruce <Bruce.Walker@hq.doe.gov>; Lotto, Adrienne <Adrienne.Lotto@hq.doe.gov>

Subject: Coal and nuclear retirements

Paul--

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(b) (5)

Thanks. Bernie

Bernard L. McNamee II

Executive Director

Office of Policy

U.S. Department of Energy

From: Hynes, Shaylyn
To: Fibbe, George; McCormack, Brian; Lotto, Adrienne; Little, Douglas
Cc: Love, Kelly; McNamee II, Bernard
Subject: RE: Comment on DOE no-shows at NARUC conference
Date: Monday, July 23, 2018 4:45:21 PM

Good with those changes.

From: Fibbe, George <George.Fibbe@hq.doe.gov>
Date: Monday, Jul 23, 2018, 4:44 PM
To: Hynes, Shaylyn <Shaylyn.Hynes@hq.doe.gov>, McCormack, Brian <Brian.Mccormack@hq.doe.gov>, Lotto, Adrienne <Adrienne.Lotto@hq.doe.gov>, Little, Douglas <Douglas.Little@hq.doe.gov>
Cc: Love, Kelly <Kelly.Love@hq.doe.gov>, McNamee II, Bernard <Bernard.McNamee@hq.doe.gov>
Subject: RE: Comment on DOE no-shows at NARUC conference

How about this for the group's consideration:

(b) (5)

George Fibbe
Deputy General Counsel
Litigation, Regulation & Enforcement
Office: 202.287.6240
Cell: (b) (6)

From: Hynes, Shaylyn
Sent: Monday, July 23, 2018 4:30 PM
To: McCormack, Brian <Brian.Mccormack@hq.doe.gov>; Lotto, Adrienne <Adrienne.Lotto@hq.doe.gov>; Little, Douglas <Douglas.Little@hq.doe.gov>
Cc: Love, Kelly <Kelly.Love@hq.doe.gov>; Fibbe, George <George.Fibbe@hq.doe.gov>; McNamee II, Bernard <Bernard.McNamee@hq.doe.gov>
Subject: FW: Comment on DOE no-shows at NARUC conference
Importance: High

FYSA on the request below.

Adrienne is (b) (5) on the first item (b) (5)
(b) (5)

Regarding the second item. (b) (5)

From: Rich Heidorn Jr [<mailto:rich.heidorn@rtoinsider.com>]
Sent: Monday, July 23, 2018 4:09 PM
To: Hynes, Shaylyn <Shaylyn.Hynes@hq.doe.gov>
Subject: Comment on DOE no-shows at NARUC conference
Importance: High

Shaylyn:

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Walker, who was scheduled to speak at the General Session last Monday, instead appeared on screen via a cellphone video, saying he was unable to attend because of "weather problems in New York."

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2:45 p.m. - 3:45 p.m. Joint Session with Subcommittee on Clean Coal and Carbon Management and Subcommittee on Nuclear Issues - Waste Disposal

When the President Says You Can't Retire: the Impacts of Section 202(c) on the Electricity Industry (Part 1)

A draft order from President Trump to Energy Secretary Rick Perry to take measures to help coal and nuclear power plants at risk of shutting down has captured the attention of the nation. Under Section 202 (c) of the Federal Power

Act, during certain emergency conditions the Secretary of Energy may require temporary generation, delivery, interchange, or transmission of electricity to best meet the emergency and serve the public interest. This joint panel will discuss the policies and procedures from a federal perspective and the reactions and positions from a variety of industry stakeholders including nuclear, clean coal, and consumer representatives.

Moderators:

Hon. Anthony O'Donnell, Maryland

Hon. Jeremy Oden, Alabama

Panelists:FY

Carl Pechman, Director, National Regulatory Research Institute

Office of Fossil Energy, U.S. Department of Energy (invited)

Office of Nuclear Energy, U.S. Department of Energy (invited)

The Maryland Public Service Commission, which was helping to organize this session told me that "We received an email on Monday, July 16th from DOE's Office of Nuclear Energy that they would be unable to send a representative to speak at the joint subcommittee panel on July 17th due to scheduling conflicts."

The PSC also said "A representative from the DOE Office of Fossil Energy was also unable to attend."

I'm working on a story for publication tonight and in tomorrow's *RTO Insider* newsletter.

Many thanks,

Rich Heidorn Jr.

Editor & Publisher

RTO Insider

Your Eyes and Ears on the Organized Electric Markets

CAISO - ERCOT - ISO-NE - MISO - NYISO - PJM - SPP

Mobile: (b) (6)

From: Little, Douglas
To: Hynes, Shaylyn; McCormack, Brian; Lotto, Adrienne
Cc: Love, Kelly; Fibbe, George; McNamee II, Bernard
Subject: RE: Comment on DOE no-shows at NARUC conference
Date: Monday, July 23, 2018 4:53:23 PM

Document 16

Shaylyn,

I was boots on the ground at this event. Bruce's flight had a bird strick from what Adrienne told me that morning. She can give you the full read out on that. As you know, birds and airplanes don't get along very well. Sully can tell you all about that.

(b) (6)

(b) (6)

(b) (5)

(b) (5)

(b) (5)

(b) (5)

Anyway, happy to give more color commentary if required.

Best,

Doug

From: Hynes, Shaylyn <Shaylyn.Hynes@hq.doe.gov>
Date: Monday, Jul 23, 2018, 4:30 PM
To: McCormack, Brian <Brian.Mccormack@hq.doe.gov>, Lotto, Adrienne <Adrienne.Lotto@hq.doe.gov>, Little, Douglas <Douglas.Little@hq.doe.gov>
Cc: Love, Kelly <Kelly.Love@hq.doe.gov>, Fibbe, George <George.Fibbe@hq.doe.gov>, McNamee II, Bernard <Bernard.McNamee@hq.doe.gov>
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Many thanks,

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Editor & Publisher

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Your Eyes and Ears on the Organized Electric Markets

CAISO - ERCOT - ISO-NE - MISO - NYISO - PJM - SPP

Mobile: (b) (6)

From: Lotto, Adrienne
To: Little, Douglas; Hynes, Shaylyn; McCormack, Brian
Cc: Love, Kelly; Fibbe, George; McNamee II, Bernard
Subject: RE: Comment on DOE no-shows at NARUC conference
Date: Monday, July 23, 2018 5:11:45 PM
Attachments: Airline Info.pdf

Attached is our flight info. As you can see, our flight out of LGA was scheduled to depart around (b) (6) t didn't leave (b) (6) which means we didn't land in Denver (b) (6) . That is the first page of the attachment.

As a result, we missed our connection which departed (b) (6) . (See page 2)

I went to customer service to get us out on the next flight and unfortunately, (b) (6) did not have any seats available on any other flights leaving that evening which means they automatically booked us on a flight at (b) (6) which would have landed in Phoenix, AZ at (b) (6) (see page 3) Obviously, that did us no good as Bruce was scheduled to speak at (b) (6) in Scottsdale, Arizona.

Doug is correct. Technically it was a bird strike. They noticed it after we boarded the plane, and thus the delay.

(b) (5)

(b) (5)

Adrienne Lotto

Chief of Staff for Office of Electricity (OE) and
Cybersecurity, Energy Security and Emergency Response (CESER)
1000 Independence Avenue, SW
Room 8H-033
Washington, DC 20585
Tel: (202) 586-1117

From: Little, Douglas
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(b) (6)

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Date: Monday, Jul 23, 2018, 4:30 PM

To: McCormack, Brian <Brian.Mccormack@hq.doe.gov>, Lotto, Adrienne <Adrienne.Lotto@hq.doe.gov>, Little, Douglas <Douglas.Little@hq.doe.gov>

Cc: Love, Kelly <Kelly.Love@hq.doe.gov>, Fibbe, George <George.Fibbe@hq.doe.gov>, McNamee II, Bernard <Bernard.McNamee@hq.doe.gov>

Subject: FW: Comment on DOE no-shows at NARUC conference

FYSA on the request below.

Adrienne is (b) (5)

on the first item (b) (5)

(b) (5)

Regarding the second item. (b) (5)

(b) (5)

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Office of Nuclear Energy, U.S. Department of Energy (invited)

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The PSC also said "A representative from the DOE Office of Fossil Energy was also unable to attend."

I'm working on a story for publication tonight and in tomorrow's *RTO Insider* newsletter.

Many thanks,

Rich Heidorn Jr.

Editor & Publisher

RTO Insider

Your Eyes and Ears on the Organized Electric Markets

CAISO - ERCOT - ISO-NE - MISO - NYISO - PJM - SPP

Mobile: (b) (6)

From: Hynes, Shaylyn
To: McCormack, Brian; Lotto, Adrienne; Little, Douglas
Cc: Love, Kelly; Fibbe, George; McNamee II, Bernard
Subject: RE: Comment on DOE no-shows at NARUC conference
Date: Monday, July 23, 2018 6:35:20 PM

Document 18

Thanks!

From: McCormack, Brian <Brian.Mccormack@hq.doe.gov>
Date: Monday, Jul 23, 2018, 6:34 PM
To: Hynes, Shaylyn <Shaylyn.Hynes@hq.doe.gov>, Lotto, Adrienne <Adrienne.Lotto@hq.doe.gov>, Little, Douglas <Douglas.Little@hq.doe.gov>
Cc: Love, Kelly <Kelly.Love@hq.doe.gov>, Fibbe, George <George.Fibbe@hq.doe.gov>, McNamee II, Bernard <Bernard.McNamee@hq.doe.gov>
Subject: RE: Comment on DOE no-shows at NARUC conference

ok

From: Hynes, Shaylyn
Sent: Monday, July 23, 2018 5:26 PM
To: Lotto, Adrienne <Adrienne.Lotto@hq.doe.gov>; Little, Douglas <Douglas.Little@hq.doe.gov>; McCormack, Brian <Brian.Mccormack@hq.doe.gov>
Cc: Love, Kelly <Kelly.Love@hq.doe.gov>; Fibbe, George <George.Fibbe@hq.doe.gov>; McNamee II, Bernard <Bernard.McNamee@hq.doe.gov>
Subject: RE: Comment on DOE no-shows at NARUC conference
Importance: High

This is wonderful Adrienne, Thanks. (b) (5)
(b) (5)

Brian-are you OK with the on the record statement below? (b) (5)
(b) (5)

From: Lotto, Adrienne
Sent: Monday, July 23, 2018 5:12 PM
To: Little, Douglas <Douglas.Little@hq.doe.gov>; Hynes, Shaylyn <Shaylyn.Hynes@hq.doe.gov>;

McCormack, Brian <Brian.Mccormack@hq.doe.gov>

Cc: Love, Kelly <Kelly.Love@hq.doe.gov>; Fibbe, George <George.Fibbe@hq.doe.gov>; McNamee II, Bernard <Bernard.McNamee@hq.doe.gov>

Subject: RE: Comment on DOE no-shows at NARUC conference

(b) (6) Attached is our flight info. As you can see, our flight out of LGA was scheduled to depart around (b) (6) It didn't leave (b) (6) which means we didn't land in Denver (b) (6) . That is the first (b) (6)

As a result, we missed our connection which departed (b) (6) . (See page 2)

I went to customer service to get us out on the next flight and unfortunately, (b) (6) did not have any seats available on any other flights leaving that (b) (6) which means they automatically booked us on a flight at (b) (6) which would have landed in Phoenix, AZ at (b) (6) (see page 3) Obviously, that did us no good as Bruce was scheduled to speak at (b) (6) in Scottsdale, Arizona.

Doug is correct. Technically it was a bird strike. They noticed it after we boarded the plane, and thus the delay.

(b) (5)

(b) (5)

Adrienne Lotto

Chief of Staff for Office of Electricity (OE) and
Cybersecurity, Energy Security and Emergency Response (CESER)
1000 Independence Avenue, SW
Room 8H-033
Washington, DC 20585
Tel: (202) 586-1117

From: Little, Douglas

Sent: Monday, July 23, 2018 4:53 PM

To: Hynes, Shaylyn <Shaylyn.Hynes@hq.doe.gov>; McCormack, Brian <Brian.Mccormack@hq.doe.gov>; Lotto, Adrienne <Adrienne.Lotto@hq.doe.gov>

Cc: Love, Kelly <Kelly.Love@hq.doe.gov>; Fibbe, George <George.Fibbe@hq.doe.gov>; McNamee II, Bernard <Bernard.McNamee@hq.doe.gov>

Subject: RE: Comment on DOE no-shows at NARUC conference

Shaylyn,

I was boots on the ground at this event. Bruce's flight had a bird strick from what Adrienne told me that morning. She can give you the full read out on that. As you know, birds and airplanes don't get along very well. Sully can tell you all about that.

(b) (6)

(b) (6)

(b) (5)

(b) (5)

(b) (5)

Anyway, happy to give more color commentary if required.

Best,

Doug

From: Hynes, Shaylyn <Shaylyn.Hynes@hq.doe.gov>

Date: Monday, Jul 23, 2018, 4:30 PM

To: McCormack, Brian <Brian.Mccormack@hq.doe.gov>, Lotto, Adrienne <Adrienne.Lotto@hq.doe.gov>, Little, Douglas <Douglas.Little@hq.doe.gov>

Cc: Love, Kelly <Kelly.Love@hq.doe.gov>, Fibbe, George <George.Fibbe@hq.doe.gov>, McNamee II, Bernard <Bernard.McNamee@hq.doe.gov>

Subject: FW: Comment on DOE no-shows at NARUC conference

FYSA on the request below.

Adrienne is (b) (5) on the first item (b) (5)
(b) (5)

Regarding the second item. (b) (5)

(b) (5)

From: Rich Heidorn Jr [<mailto:rich.heidorn@rtoinsider.com>]
Sent: Monday, July 23, 2018 4:09 PM
To: Hynes, Shaylyn <Shaylyn.Hynes@hq.doe.gov>
Subject: Comment on DOE no-shows at NARUC conference
Importance: High

Shaylyn:

I wanted to see if DOE had any explanation for not accepting invitations to speak at the NARUC Summer Policy Summit in Scottsdale last week. Asst. Secretary Bruce Walker was one of at least three Department of Energy officials who were invited to speak at the conference but did not appear.

Walker, who was scheduled to speak at the General Session last Monday, instead appeared on screen via a cellphone video, saying he was unable to attend because of "weather problems in New York."

It is unclear what weather problems prevented Walker from attending the conference on Monday morning. New York City had rain and fog Sunday morning, but it was sunny by early Sunday afternoon, according to weather reports I've seen.

Walker's no-show led some NARUC attendees to speculate that he wanted to avoid being questioned by regulators and reporters about DOE's plans for subsidizing at-risk nuclear and coal generators.

NARUC also invited officials from DOE's Office of Fossil Energy and Office of Nuclear Energy to speak on a panel on the Trump bailout proposal on Tuesday (When the President Says You Can't Retire: The Impacts of Section 202(c) on the Electricity Industry) but neither office was represented. (see early program listing below).

2:45 p.m. - 3:45 p.m. Joint Session with Subcommittee on Clean Coal and Carbon Management and Subcommittee on Nuclear Issues - Waste Disposal

When the President Says You Can't Retire: the Impacts of Section 202(c) on the Electricity Industry (Part 1)

A draft order from President Trump to Energy Secretary Rick Perry to take measures to help coal and nuclear power plants at risk of shutting down has captured the attention of the nation. Under Section 202 (c) of the Federal Power Act, during certain emergency conditions the Secretary of Energy may require temporary generation, delivery, interchange, or transmission of electricity to best meet the emergency and serve the public interest. This joint panel will discuss the policies and procedures from a federal perspective and the reactions and positions from a variety of industry stakeholders including nuclear, clean coal,

and consumer representatives.

Moderators:

Hon. Anthony O'Donnell, Maryland

Hon. Jeremy Oden, Alabama

Panelists:FY

Carl Pechman, Director, National Regulatory Research Institute

Office of Fossil Energy, U.S. Department of Energy (invited)

Office of Nuclear Energy, U.S. Department of Energy (invited)

The Maryland Public Service Commission, which was helping to organize this session told me that “We received an email on Monday, July 16th from DOE's Office of Nuclear Energy that they would be unable to send a representative to speak at the joint subcommittee panel on July 17th due to scheduling conflicts.”

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I'm working on a story for publication tonight and in tomorrow's *RTO Insider* newsletter.

Many thanks,

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Editor & Publisher

RTO Insider

Your Eyes and Ears on the Organized Electric Markets

CAISO - ERCOT - ISO-NE - MISO - NYISO - PJM - SPP

Mobile: (b) (6)

Document 19

From: Smith, Wayne D
To: Garrish, Theodore; Storch, Thomas; McNamee II, Bernard; Burnison, Melissa; Turenne, William; Hynes, Shavlyn; Nicoll, Eric; Yunaska, Kyle; Buchan, Samuel
Cc: McCormack, Brian; Wilmot, Dan; Colgary, James; Varnasidis, Sophia; Ellis, Kristen; Blake-Kennerly, Shena
Subject: *****WHITE HOUSE TASKING DUE AT NOON TODAY*****
Date: Monday, July 23, 2018 9:51:56 AM
Attachments: (b) (5)
Importance: High

Good morning,

Please provide any comments or clear as soon as practical but no later than noon today, Monday, 23 July. Thank you.

V/r,
Wayne

(b) (5)

From: Smith, Wayne D
To: McNamee II, Bernard
Cc: Blake-Kennerly, Shena
Subject: RE: *****WHITE HOUSE TASKING DUE AT NOON TODAY*****
Date: Monday, July 23, 2018 10:54:40 AM

Document 20

Copy thank you Sir!

Wayne D. Smith | Director
Office of the Executive Secretariat
U.S. Department of Energy | wayne.smith@hq.doe.gov
(202) 586-6207 | (b) (6) (mobile)

From: McNamee II, Bernard
Sent: Monday, July 23, 2018 10:54 AM
To: Smith, Wayne D <Wayne.Smith@hq.doe.gov>
Subject: RE: *****WHITE HOUSE TASKING DUE AT NOON TODAY*****

No comments. Bernie

From: Smith, Wayne D
Sent: Monday, July 23, 2018 9:52 AM
To: Garrish, Theodore <Theodore.Garrish@hq.doe.gov>; Storch, Thomas <Thomas.Storch@hq.doe.gov>; McNamee II, Bernard <Bernard.McNamee@hq.doe.gov>; Burnison, Melissa <Melissa.Burnison@hq.doe.gov>; Turenne, William <William.Turenne@hq.doe.gov>; Hynes, Shaylyn <Shaylyn.Hynes@hq.doe.gov>; Nicoll, Eric <Eric.Nicoll@hq.doe.gov>; Yunaska, Kyle <Kyle.Yunaska@hq.doe.gov>; Buchan, Samuel <Samuel.Buchan@hq.doe.gov>
Cc: McCormack, Brian <Brian.Mccormack@hq.doe.gov>; Wilmot, Dan <Dan.Wilmot@hq.doe.gov>; Colgary, James <James.Colgary@hq.doe.gov>; Varnasidis, Sophia <Sophia.Varnasidis@hq.doe.gov>; Ellis, Kristen <Kristen.Ellis@em.doe.gov>; Blake-Kennerly, Shena <Shena.Kennerly@hq.doe.gov>
Subject: *****WHITE HOUSE TASKING DUE AT NOON TODAY*****
Importance: High

Good morning,

Please provide any comments or clear as soon as practical but no later than noon today, Monday, 23 July. Thank you.

V/r,
Wayne

(b) (5)

(b) (5)

From: Smith, Wayne D
To: Yunaska, Kyle
Cc: McNamee II, Bernard; Blake-Kennerly, Shena
Subject: RE: *****WHITE HOUSE TASKING DUE AT NOON TODAY*****
Date: Monday, July 23, 2018 11:07:18 AM

Copy! Many thanks Kyle.

Wayne D. Smith | Director
Office of the Executive Secretariat
U.S. Department of Energy | wayne.smith@hq.doe.gov
(202) 586-6207 | (b) (6) (mobile)

From: Yunaska, Kyle
Sent: Monday, July 23, 2018 11:02 AM
To: Smith, Wayne D <Wayne.Smith@hq.doe.gov>
Cc: McNamee II, Bernard <Bernard.McNamee@hq.doe.gov>
Subject: RE: *****WHITE HOUSE TASKING DUE AT NOON TODAY*****

No comment from OP.

From: Smith, Wayne D
Sent: Monday, July 23, 2018 9:52 AM
To: Garrish, Theodore <Theodore.Garrish@hq.doe.gov>; Storch, Thomas <Thomas.Storch@hq.doe.gov>; McNamee II, Bernard <Bernard.McNamee@hq.doe.gov>; Burnison, Melissa <Melissa.Burnison@hq.doe.gov>; Turenne, William <William.Turenne@hq.doe.gov>; Hynes, Shaylyn <Shaylyn.Hynes@hq.doe.gov>; Nicoll, Eric <Eric.Nicoll@hq.doe.gov>; Yunaska, Kyle <Kyle.Yunaska@hq.doe.gov>; Buchan, Samuel <Samuel.Buchan@hq.doe.gov>
Cc: McCormack, Brian <Brian.Mccormack@hq.doe.gov>; Wilmot, Dan <Dan.Wilmot@hq.doe.gov>; Colgary, James <James.Colgary@hq.doe.gov>; Varnasidis, Sophia <Sophia.Varnasidis@hq.doe.gov>; Ellis, Kristen <Kristen.Ellis@em.doe.gov>; Blake-Kennerly, Shena <Shena.Kennerly@hq.doe.gov>
Subject: *****WHITE HOUSE TASKING DUE AT NOON TODAY*****
Importance: High

Good morning,

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V/r,
Wayne

(b) (5)

(b) (5)

From: Turenne, William
To: Smith, Wayne D; Garrish, Theodore; Storch, Thomas; McNamee II, Bernard; Burnison, Melissa; Hynes, Shaylyn; Nicoll, Eric; Yunaska, Kyle; Buchan, Samuel
Cc: McCormack, Brian; Wilmot, Dan; Colgary, James; Varnasidis, Sophia; Ellis, Kristen; Blake-Kennerly, Shena
Subject: RE: *****WHITE HOUSE TASKING DUE AT NOON TODAY*****
Date: Monday, July 23, 2018 11:54:20 AM
Attachments: (b) (5)
image001.png

I have tracked suggested edits from PA.

(b) (5)

Bill

Bill Turenne, Jr.
Director of Strategic Communications and Messaging
Department of Energy
(202)586-0361 - Direct
(b) (6) - Cell
William.Turenne@hq.doe.gov



From: Smith, Wayne D
Sent: Monday, July 23, 2018 9:52 AM
To: Garrish, Theodore <Theodore.Garrish@hq.doe.gov>; Storch, Thomas <Thomas.Storch@hq.doe.gov>; McNamee II, Bernard <Bernard.McNamee@hq.doe.gov>; Burnison, Melissa <Melissa.Burnison@hq.doe.gov>; Turenne, William <William.Turenne@hq.doe.gov>; Hynes, Shaylyn <Shaylyn.Hynes@hq.doe.gov>; Nicoll, Eric <Eric.Nicoll@hq.doe.gov>; Yunaska, Kyle <Kyle.Yunaska@hq.doe.gov>; Buchan, Samuel <Samuel.Buchan@hq.doe.gov>
Cc: McCormack, Brian <Brian.Mccormack@hq.doe.gov>; Wilmot, Dan <Dan.Wilmot@hq.doe.gov>; Colgary, James <James.Colgary@hq.doe.gov>; Varnasidis, Sophia <Sophia.Varnasidis@hq.doe.gov>; Ellis, Kristen <Kristen.Ellis@em.doe.gov>; Blake-Kennerly, Shena <Shena.Kennerly@hq.doe.gov>
Subject: *****WHITE HOUSE TASKING DUE AT NOON TODAY*****
Importance: High

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V/r,
Wayne

(b) (5)

From: Smith, Wayne D
To: Turenne, William; Garrish, Theodore; Storch, Thomas; McNamee II, Bernard; Burnison, Melissa; Hynes, Shaylyn; Nicoll, Eric; Yunaska, Kyle; Buchan, Samuel
Cc: McCormack, Brian; Wilmot, Dan; Colgary, James; Varnasidis, Sophia; Ellis, Kristen; Blake-Kennerly, Shena
Subject: RE: *****WHITE HOUSE TASKING DUE AT NOON TODAY*****
Date: Monday, July 23, 2018 12:03:00 PM
Attachments: image001.png
Importance: High

Copy that. Many thanks. PA Clear.

(b) (5)

Wayne D. Smith | Director
 Office of the Executive Secretariat
 U.S. Department of Energy | wayne.smith@hq.doe.gov
 (202) 586-6207 | (b) (6) (mobile)

From: Turenne, William
Sent: Monday, July 23, 2018 11:54 AM
To: Smith, Wayne D <Wayne.Smith@hq.doe.gov>; Garrish, Theodore <Theodore.Garrish@hq.doe.gov>; Storch, Thomas <Thomas.Storch@hq.doe.gov>; McNamee II, Bernard <Bernard.McNamee@hq.doe.gov>; Burnison, Melissa <Melissa.Burnison@hq.doe.gov>; Hynes, Shaylyn <Shaylyn.Hynes@hq.doe.gov>; Nicoll, Eric <Eric.Nicoll@hq.doe.gov>; Yunaska, Kyle <Kyle.Yunaska@hq.doe.gov>; Buchan, Samuel <Samuel.Buchan@hq.doe.gov>
Cc: McCormack, Brian <Brian.Mccormack@hq.doe.gov>; Wilmot, Dan <Dan.Wilmot@hq.doe.gov>; Colgary, James <James.Colgary@hq.doe.gov>; Varnasidis, Sophia <Sophia.Varnasidis@hq.doe.gov>; Ellis, Kristen <Kristen.Ellis@em.doe.gov>; Blake-Kennerly, Shena <Shena.Kennerly@hq.doe.gov>
Subject: RE: *****WHITE HOUSE TASKING DUE AT NOON TODAY*****

I have tracked suggested edits from PA.

(b) (5)

Bill

Bill Turenne, Jr.
 Director of Strategic Communications and Messaging
 Department of Energy
 (202) 586-0361 - Direct
 (b) (6) - Cell
William.Turenne@hq.doe.gov



From: Smith, Wayne D
Sent: Monday, July 23, 2018 9:52 AM
To: Garrish, Theodore <Theodore.Garrish@hq.doe.gov>; Storch, Thomas <Thomas.Storch@hq.doe.gov>; McNamee II, Bernard <Bernard.McNamee@hq.doe.gov>; Burnison, Melissa <Melissa.Burnison@hq.doe.gov>; Turenne, William <William.Turenne@hq.doe.gov>; Hynes, Shaylyn <Shaylyn.Hynes@hq.doe.gov>; Nicoll, Eric <Eric.Nicoll@hq.doe.gov>; Yunaska, Kyle <Kyle.Yunaska@hq.doe.gov>; Buchan, Samuel <Samuel.Buchan@hq.doe.gov>
Cc: McCormack, Brian <Brian.Mccormack@hq.doe.gov>; Wilmot, Dan <Dan.Wilmot@hq.doe.gov>; Colgary, James <James.Colgary@hq.doe.gov>; Varnasidis, Sophia <Sophia.Varnasidis@hq.doe.gov>; Ellis, Kristen <Kristen.Ellis@em.doe.gov>; Blake-Kennerly, Shena <Shena.Kennerly@hq.doe.gov>
Subject: *****WHITE HOUSE TASKING DUE AT NOON TODAY*****
Importance: High

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V/r,
Wayne

(b) (5)

(b) (5)

From: Hsieh, Eric
To: McNamee II, Bernard; Harsanyi, Katherine; Kansupada, Cabir (INTERN); Oueid, Rima; Wilson, Cynthia
Cc: Yunaska, Kyle; Lushetsky, John; Rohlfing, Eric
Subject: QF Market Trends Presentation
Date: Tuesday, July 24, 2018 4:24:35 PM
Attachments: 2018-07-24 QF Market Trends.pptx

Bernie,

Thanks for the feedback on the QF presentation and outline this afternoon. The presentation is attached, (b) (5) Significant credit is due to Katherine, Cabir, Rima, and Cyndy for their work so far on this project.

Given upcoming staff travel/vacations, we expect to have a draft of the memo to you by the week of Aug 6.

-Eric

From: [Yunaska, Kyle](#)
To: [DL-OP-ALL](#)
Subject: FW: July 24, 2018 Daily News Briefing for DOE
Date: Tuesday, July 24, 2018 5:41:09 AM
Attachments: [July 24, 2018 Daily News Briefing for DOE.pdf](#)

From: Media Analyst (General)
Sent: Tuesday, July 24, 2018 5:40:09 AM (UTC-05:00) Eastern Time (US & Canada)
To: doe
Subject: July 24, 2018 Daily News Briefing for DOE

DOE News

- [1. Congress drops bid to loosen supervision of nuclear agency](#)
- [2. Energy and Natural Resources Committee considers modernizing DOE, DOI](#)

Electricity/Cyber Security

- [3. Russian hackers reach U.S. utility control rooms, Homeland Security officials say](#)
- [4. Government struggling with sharing cyberthreat information, officials say](#)
- [5. Cyber warfare policy included in final version of annual defense policy bill](#)
- [6. Long-term contracts for Northern Pass' replacement filed for Massachusetts approval](#)
- [7. Houstonians spend 27 percent of family energy budget on air conditioning](#)
- [8. Texas power use to break record on Monday during heat wave: ERCOT](#)

Energy Efficiency and Renewable Energy

- [9. Trump administration presses plan to ease fuel-economy standards](#)
- [10. GeoRePORT – Geothermal Research Portfolio Optimization and Reporting Technique](#)
- [11. Taking a look at the future of wind energy in Colorado](#)

Fossil Energy

- [12. Oil prices mixed as oversupply worries compete with U.S., Iran war of words](#)
- [13. POTIS' war of words with Iran shines spotlight on vital oil route](#)
- [14. Oil demand outlook clouded by emerging economies' currency pain](#)
- [15. EIA: Diesel falls 1.9¢ to \\$3.220 as Mideast jitters, strong dollar seesaw price of oil](#)
- [16. PacifiCorp argues to keep coal study confidential](#)

Nuclear Energy

- [17. India says French and U.S. vendor talks ongoing](#)
- [18. Santee Cooper is going to keep the parts from its nuclear project a few more months](#)
- [19. Exelon plant generates girl power](#)

Environmental Management/Nuclear Waste Storage

- [20. Yucca Mountain revival efforts appear dead – for now](#)
- [21. Feds push for low-cost commercial treatment of Hanford waste. State has concerns](#)

Nuclear Weapons/Security

- [22. New nukes could “overtax” the system, former NNSA chief warns](#)

- 23. Social media helps detect nuclear agreement violations
- 24. SNMMI, imaging leaders back \$20M in federal funds for Mo-99 production
- 25. LANL: This bomb-simulating U.S. supercomputer broke a world record
- 26. LANL: New microalgae can convert non-food crops
- 27. CEO pleads guilty to embezzlement (concerns LANL)
- 28. SRS manager: NNSA's review of role at SRS "routine"
- 29. LLNL: New laser energy record
- 30. STRATCOM to take over responsibility for nuclear command, control and communications
- 31. Meet two of the activists who secretly entered a nuclear submarine base
- 32. North Korea begins dismantling key facilities at the Sohae Satellite Launching Station
- 33. France makes progress on refitting submarine for M51 missiles
- 34. Australia: Review for repaired isotope production facility

Science

- 35. Exascale computing project establishes machine learning center
- 36. ORNL: Machine learning algorithm beats human experts at detecting microscopic radiation damage
- 37. ORNL develops plant-based print material

Climate Change/Global Warming

- 38. NPPD, DOE study carbon dioxide infrastructure
- 39. Republican warns against "environmental debt" as he proposes carbon tax bill

National News

- 40. Senate confirms POTUS' VA pick
- 41. 3 people have died after attacks on Bay Area's public transit system in 5 days

Washington Schedule

DOE News

1. Congress drops bid to loosen supervision of nuclear agency

AP (Daly) reported that Congress "is abandoning an effort to loosen Cabinet control over an agency responsible for securing the nation's nuclear weapons stockpile." According to the article, a "provision in a defense policy bill would have removed the National Nuclear Security Administration from direct control of the Energy Department, where it's been housed since its creation in 2000." The provision, the article added, "was dropped as House and Senate lawmakers negotiated a compromise defense bill."

2. Energy and Natural Resources Committee considers modernizing DOE, DOI

Daily Energy Insider (Galford) reported that "administration proposals to reorganize and modernize both the Department of Energy (DOE) and Department of the Interior (DOI) were heard by the Senate Committee on Energy and Natural Resources last week." The article indicated that Bernard McNamee, "executive director of the DOE's Office of Policy, highlighted the department's strong opposition to removing the National Nuclear Security Administration from control of the Secretary of Energy and addressed other proposed changes to the departmental structure."

Electricity/Cyber Security

3. Russian hackers reach U.S. utility control rooms, Homeland Security officials say

The Wall Street Journal (Smith) reported that “hackers working for Russia claimed ‘hundreds of victims’ last year in a giant and long-running campaign that put them inside the control rooms of U.S. electric utilities where they could have caused blackouts, federal officials said,” noting that the campaign “likely is continuing.” The article indicated that the Russian hackers, “who worked for a shadowy state-sponsored group previously identified as Dragonfly or Energetic Bear, broke into supposedly secure, ‘air-gapped’ or isolated networks owned by utilities with relative ease by first penetrating the networks of key vendors who had trusted relationships with the power companies.”

4. Government struggling with sharing cyberthreat information, officials say

The Washington Post (Hawkins) reported that “the exchange of cyberthreat information between the government and companies was the cornerstone of a 2015 bill hailed as landmark legislation to protect against digital attacks,” but “more than two years later, these comments at a Cyber 202 Live event hosted Friday by The Washington Post reveal the U.S. government has an incredibly long road ahead to effectively implement the legislation.” According to the article, officials ‘are finally acknowledging they have been too focused on trying to get companies to share information with them -- and less on sharing with private companies who want threat intelligence the government detects.’ The article indicated that the Cybersecurity Information Sharing Act “created incentives for private companies to share their threat intelligence with the federal government,” and by “giving them legal immunity and setting up a more formal repository for that information through DHS, the hope was that the exchange of information would better prepare the country to defend collectively against attacks.” But, the article pointed out, “few companies are participating.”

5. Cyber warfare policy included in final version of annual defense policy bill

The Hill (Beavers) reported that the final version of an annual defense policy bill would “set new authorities for the Department of Defense to deter and respond to attacks in cyberspace, including establishing the first U.S. policy on cyber warfare.” Following House and Senate negotiations, the article continued, “a conference report on the Nation Defense Authorization Act (NDAA) released Monday says the United States should be able to use every option on the table, including offensive cyber capabilities.” According to the article, it “notes that the policy could be applied if the attack was to intentionally ‘cause casualties, significantly disrupt the normal functioning of our democratic society or government, threaten the Armed Forces or the critical infrastructure they rely upon, achieve an effect comparable to an armed attack, or imperil a U.S. vital interest.’”

6. Long-term contracts for Northern Pass’ replacement filed for Massachusetts approval

InDepthNH.org (Rayno) reported that “contracts between the clean energy transmission project that replaced Northern Pass when it was turned down by New Hampshire regulators and Massachusetts electric distribution companies were submitted to Bay State utility regulators on Monday for final approval.” The article indicated that Central Maine Power’s New England Clean Energy Connect project,

“reached agreement last month with the distributors on a 20-year contract to provide 1,200 megawatts of renewable energy.”

7. Houstonians spend 27 percent of family energy budget on air conditioning

Houston Chronicle (Sixel) reported that “households in the hot and humid Southwest, an area that includes Houston, spend 27 percent of their home energy budgets on air conditioning, the most anywhere in the United States.” According to the article, DOE, “using data from 2015, reported Monday that the cost of cooling the hottest part of the nation works out to \$525 per year.” Nationwide, the article noted, “the average family spent \$265 on air conditioning in 2015, or 12 percent of their total home energy consumption.” The average household, the article added, “spent \$1,856 on home energy bills in 2015.”

8. Texas power use to break record on Monday during heat wave: ERCOT

Reuters reported that homes and businesses in Texas “will likely use record amounts of power again on Monday as consumers keep their air conditioners cranked up on what is expected to be the last day of a week-long heat wave, the operator of much of the state’s power grid said.” According to the article, the Electric Reliability Council of Texas (ERCOT) “forecast demand would reach 74,647 megawatts on Monday, which would top the current record of 73,259 MW set on July 19.”

Energy Efficiency and Renewable Energy

9. Trump administration presses plan to ease fuel-economy standards

The Wall Street Journal (Puko) reported that President Donald Trump’s administration “is advancing a plan to freeze fuel-economy standards for new cars and trucks, and to escalate its fight against California’s power to set regulatory standards for the entire U.S. auto market, according to people familiar with the matter.” The article indicated that the new rules, “which could be released as early as this week, would halt plans to keep raising requirements for efficiency.” The increases, the article noted, “had been set up by a collaboration between California and former President Barack Obama’s regulators as a way to address climate change.”

10. GeoRePORT – Geothermal Research Portfolio Optimization and Reporting Technique

ThinkGeoenergy (Richter) reported that the GeoRePORT System “is a resource and project assessment tool used to measure potential and guide development in the geothermal sector.” The article indicated that “developed by the National Renewable Energy Laboratory for the U.S. Department of Energy (DOE), but applicable worldwide, the methodology assesses three categories of geothermal project development: geological, technical, and socioeconomic.” According to the article, the GeoRePORT System “provides a process for objectively appraising project progress and resource grade in individual geothermal areas.” The system, the article noted, “also allows for broader analysis at the portfolio and countrywide assessments, and it was used in the recent DOE Geothermal Vision Study (GeoVision) to identify potential barriers to geothermal development in the United States.”

11. Taking a look at the future of wind energy in Colorado

KRDO (Sierra) reported that “according to the research from the American Wind Energy Association, there are nearly 2,000 individual turbines spanning across a total of 25 wind farms in Colorado,” and the “majority of those wind farms are in a stretch from Calhan to Limon.” The article indicated that “years ago, wind energy was seen as

the future of everything,” and “since their inception in the late 1800s, developers around the world competed to refine their designs for efficiency,” but Colorado’s wind farms “don’t always see constant wind.” One possible solution, the article pointed out, “would be massive battery farms like those being developed in Australia and parts of the U.S.”

Fossil Energy

12. Oil prices mixed as oversupply worries compete with U.S., Iran war of words

Reuters (Sheldrick) reported that oil prices “were mixed on Tuesday as benchmark Brent crude rebounded from earlier losses with market participants divided in their concerns amid rising tensions between the United States and OPEC producer Iran and signs of oversupply.” According to the article, Brent crude oil “was up 6 cents at \$73.12 a barrel by 0706 GMT,” and U.S. West Texas Intermediate crude “was down 3 cents at \$67.86 a barrel, clawing back earlier losses.”

13. POTIS’ war of words with Iran shines spotlight on vital oil route

Bloomberg (Dipaola) reported that the “war of words between U.S. President Donald Trump and his counterpart in Iran over oil exports and sanctions is shining a spotlight on the narrow, twisting conduit for about 30 percent of the world’s seaborne-traded crude.” According to the article, the Middle East’s biggest oil exporters “rely on the Strait of Hormuz, the passage linking the Persian Gulf with global waterways, for the vast majority of their crude shipments -- some 17.5 million barrels a day.” The article indicated that “should a regional conflict block that bottleneck, three of the largest Gulf Arab crude producers have pipeline networks that would potentially enable them to export as much as 4.1 million barrels via alternative outlets.” Even so, the article noted, “this amount of oil, if sent by pipeline, would be less than a quarter of the total that typically sails on tankers through Hormuz.”

14. Oil demand outlook clouded by emerging economies’ currency pain

Bloomberg (Garcia Perez, Prem, Longley) reported that “while Brent crude, the global benchmark, has advanced 11 percent this year in dollar terms, it’s gone up by multiples of that in Russian rubles, Brazilian reais and Turkish lira, to name just a few.” According to the article, that “leaves those governments with a tricky choice: subsidize the purchase of increasingly expensive fuel, or allow consumption to be eroded and accept the accompanying economic and political risk.”

15. EIA: Diesel falls 1.9¢ to \$3.220 as Mideast jitters, strong dollar seesaw price of oil

Transport Topics reported that the U.S. average retail price of diesel “fell 1.9 cents to \$3.220 a gallon while crude prices slipped, according to the weekly report from the U.S. Department of Energy’s Energy Information Administration.” The article indicated that it was the “second straight weekly decline in trucking’s main fuel, which has dropped 2.3 cents a gallon in the period.” The national average price for regular gasoline, the article noted, “fell 3.4 cents to \$2.831 a gallon.”

16. PacifiCorp argues to keep coal study confidential

Portland Business Journal (Danko) reported that “facing a challenge from the Sierra Club, PacifiCorp has asked Oregon utility regulators to keep a study into the economics of its coal plants out of public view.” According to the article, the company said “making the information available privately to stakeholders, as it has done, fits with standard practice, and it questioned the Sierra Club’s motives in the case,”

stating that “because Sierra Club already has the confidential information for use in PacifiCorp’s resource planning process, Sierra Club’s objection is apparently designed to give it unfettered access for other purposes, such as media or political campaigns designed to support its views on PacifiCorp’s coal generation.”

Nuclear Energy

17. India says French and U.S. vendor talks ongoing

World Nuclear News reported that India “is in active talks with French and US companies on projects to build new nuclear power plants at Jaitapur and Kovvada, the country’s minister of state, Jitendra Singh, has confirmed to parliament.” According to the article, “Singh told the Lok Sabha - the lower house - that discussions on finalisation of project proposals for a six-unit plant at Kovvada were under way.” The article indicated that “Kovvada, in Andhra Pradesh, has been earmarked for the construction of six 1250 MWe Westinghouse AP1000 reactors.”

18. Santee Cooper is going to keep the parts from its nuclear project a few more months

The Post and Courier (Moore) reported that Santee Cooper “is going to hold onto the parts left over from its failed nuclear project at least a little while longer.” According to the article, the board of the state-owned utility “voted Monday to maintain the equipment it purchased while it pursued plans to expand the V.C. Summer nuclear power plant, north of Columbia.” The article suggested that “it amounts to a bet that another power company — here or abroad — will try to build more nuclear reactors.”

19. Exelon plant generates girl power

The Times (Selk) reported that “more than 40 girls swarmed Dresden Generating Station in Morris last week to learn how a nuclear power station is run as part of a program to help get girls interested in science-based careers.”

Environmental Management/Nuclear Waste Storage

20. Yucca Mountain revival efforts appear dead – for now

Las Vegas Review-Journal (Martin) reported that “efforts to restart licensing hearings and store nuclear waste at Yucca Mountain appear dead for the next year after a congressional panel eliminated a funding request from the defense bill Monday.”

21. Feds push for low-cost commercial treatment of Hanford waste. State has concerns

Tri-City Herald (Cary) reported that DOE “is making plans to encase 2,000 gallons of waste now held in Hanford’s underground tanks in concrete-like grout, part of a continuing demonstration project.” According to the article, DOE “recently released a fact sheet that indicated its interest in continuing the demonstration project and listing what it sees as the benefits of the project, called the test bed initiative.” The article indicated that the project “is a departure from plans to turn radioactive and hazardous chemical waste into a stable glass form at the \$17 billion vitrification plant under construction at the nuclear reservation.” However, the article noted, DOE “still needs to get other parties on board.” The article detailed that the Washington Department of Ecology, “a Hanford regulator, has sent DOE a list of questions about the project,” adding that the state “would need to issue permits and approvals for some aspects of the demonstration project.”

Nuclear Weapons/Security

22. New nukes could “overtax” the system, former NNSA chief warns

Politico (Hellman, Mueller, O'Brien, Morgan) reported that former National Nuclear Security Administration chief Frank Klotz “cautioned that proposed lower-yield nuclear weapons could ‘overtax’ efforts to modernize the existing nuclear arsenal.” The article indicated that Mr. Klotz, “who led NNSA during the Obama and Trump administrations, suggested new systems shouldn’t be undertaken ‘until we get done with the program of record’ of modernizing the air, sea and ground legs of the nuclear triad and their command-and-control systems.”

23. Social media helps detect nuclear agreement violations

Signal Magazine (Seffers) reported that “researchers at North Carolina (NC) State University have developed a new computational model that draws on normally incompatible data sets, such as satellite imagery and social media posts, to answer questions about what is happening in targeted locations.” According to the article, the model “identifies violations of nuclear nonproliferation agreements.” The data, the article explained, “can include traditional sources, such as Geiger counter readings or multispectral data from satellite imagery, but many may be nontraditional and diverse, including Flickr and Twitter posts.” The article indicated that the work “was supported by the Department of Energy National Nuclear Security Administration’s Office of Defense Nuclear Nonproliferation Research and Development through the Consortium for Nonproliferation Enabling Capabilities at NC State University.”

24. SNMMI, imaging leaders back \$20M in federal funds for Mo-99 production

Health Imaging (O'Connor) reported that the “Society for Nuclear Medicine and Molecular Imaging (SNMMI), along with a host of other leading medical imaging groups and vendors, addressed a July 18 letter to the Senate and House subcommittees on Energy and Water Development voicing their support for \$20 million in additional funding to help establish domestic production of molybdenum-99 (Mo-99).” The article indicated that in the letter, “SNMMI president Satoshi Minoshima, MD, PhD, and others argued, despite the American Medical Isotope Production Act of 2012 (AMIPA), concern remains over the current global Mo-99 supply challenges.” The letter, the article pointed out, “urged lawmakers to include language that clearly directs the entire \$20 million to be used for National Nuclear Security Administration’s (NNSA) medical isotope program to establish domestic production of Mo-99, from which technetium-99 mn is derived.”

25. LANL: This bomb-simulating U.S. supercomputer broke a world record

Wired (Scoles) reported that Brad Settlemyer “had a supercomputing solution in search of a problem.” According to the article, Los Alamos National Lab, “where Settlemyer works as a research scientist, hosts the Trinity supercomputer—a machine that regularly makes the internet’s (ever-evolving) Top 10 Fastest lists.” The article indicated that “as large as a Midwestern McMansion, Trinity’s main job is to ensure that the cache of US nuclear weapons works when it’s supposed to, and doesn’t when it’s not.” The supercomputer, the article noted, “doesn’t dedicate all its digital resources to stockpile stewardship, though,” noting that “during its nuclear downtime, it also does fundamental research.” The article explained that Mr. Settlemyer “wanted to expand the machine’s scientific envelope,” so “he set out in search of a problem that even Trinity couldn’t currently solve.” What he found, the article detailed, “was a physicist who wanted to follow only the most energetic particles through a trillion-

particle simulation—a problem whose technological solutions have surprising implications for the bomb babysitters at Los Alamos.”

26. LANL: New microalgae can convert non-food crops

All about feed reported that “a freshwater strain of microalgae can degrade and utilise plants like switchgrass,” which “increases the potential of this type of algae to be used for biofuel.” This, the article noted, “was shown by researchers at Los Alamos National Laboratory and partner institutions in the US,” who “published their findings last week in *Algal Research*.” According to the article, the research “shows that a freshwater production strain of microalgae, *Auxenochlorella protothecoides*, is capable of directly degrading and utilising non-food plant substrates, such as switchgrass, for improved cell growth and lipid productivity, useful for boosting the algae’s potential value as a biofuel.”

27. CEO pleads guilty to embezzlement (concerns LANL)

Santa Fe New Mexican reported that “the former chief executive of a business owned by San Ildefonso Pueblo pleaded guilty Monday to embezzling more than \$20,000 in grant money.” The article indicated that Donn Wiese, 69, who “headed San Ildefonso Services, which provides janitorial, infrastructure and construction services to Los Alamos National Laboratory, could face more than a decade behind bars when sentenced Aug. 28, the state Attorney General’s Office said.”

28. SRS manager: NNSA's review of role at SRS “routine”

Aiken Standard (Demarest) reported that the National Nuclear Security Administration’s review of “its purpose and missions at the Savannah River Site is ‘routine’ and almost procedural, according to the U.S. Department of Energy’s Savannah River Site manager, Michael Budney.” The article indicated that on Monday, Mr. Budney “provided the Savannah River Site Citizens Advisory Board a DOE-centric update, during which he addressed a June 29 NNSA internal memo,” and said that “you’ve probably seen the news reports about the memo that NNSA put out about studying about three alternatives for their future operations at the Site,” but “this is just a routine kind of process we always go through – especially when there’s different, new leadership – about looking at doing an evaluation of how things operate and what’s the best way to do it, what’s the most efficient means.” State Sen. Tom Young and state Rep. Bill Taylor, “both Aiken Republicans,” the article added, “have voiced their support of a NNSA landlord takeover,” but Rep. Young “has said he will fight to keep the tritium mission at SRS.”

29. LLNL: New laser energy record

Advanced Science News (Grolms) reported that Lawrence Livermore National Laboratory’s National Ignition Facility (NIF) laser system “has set a new record, firing 2.15 megajoules (MJ) of energy to its target chamber — a 15 % improvement over NIF’s design specification of 1.8 MJ, and more than 10 % higher than the previous 1.9 MJ energy record set in March 2012.”

30. STRATCOM to take over responsibility for nuclear command, control and communications

SpaceNews (Erwin) reported that “after a months-long review, the Pentagon has decided that U.S. Strategic Command should be solely in charge of the classified communications system that keeps the president connected to military forces during a nuclear event.” According to the article, the review “was prompted by concerns that the nation’s nuclear command, control and communications systems, or NC3, was not under a single chain of command.” Officials, the article added, “also have warned that

the technology is outdated and that there is no clear plan to modernize it.”

31. Meet two of the activists who secretly entered a nuclear submarine base

Truthout (Goodman) featured a video in which two members of the Catholic Plowshares, Martha Hennessy and Carmen Trotta, discuss their breaking into Naval Submarine Base Kings Bay on April 4, 2018. Martha Hennessy stated that she has “had trips” to Russia, South Korea, and Iran. Carmen Trotta indicated that his group intended to try to get to the Tridents directly, but did not find any so they decided to go the bunkers.

32. North Korea begins dismantling key facilities at the Sohae Satellite Launching Station

38 North (Bermudez Jr.) reported that “in an important first step towards fulfilling a commitment made by Kim Jong Un at the June 12 Singapore Summit, new commercial satellite imagery of the Sohae Satellite Launching Station (North Korea’s main satellite launch facility since 2012) indicates that the North has begun dismantling key facilities.” Most notably, the article indicated, “these include the rail-mounted processing building—where space launch vehicles are prepared before moving them to the launch pad—and the nearby rocket engine test stand used to develop liquid-fuel engines for ballistic missiles and space launch vehicles.” The article pointed out that “since these facilities are believed to have played an important role in the development of technologies for the North’s intercontinental ballistic missile program, these efforts represent a significant confidence building measure on the part of North Korea.”

33. France makes progress on refitting submarine for M51 missiles

Defense News (Tran) reported that the ballistic missile submarine *Téméraire* “has been taken to Ile Longue, the French naval base for nuclear boats, marking a key step in a major refit of the sub, shipbuilder Naval Group said in a July 23 statement.” The article indicated that the move, which comes “after 20 months of work,” marked “a significant step in the the last modernization and adaptation of nuclear ballistic submarines for the M51 missile.”

34. Australia: Review for repaired isotope production facility

World Nuclear News reported that “a mechanical failure that caused the suspension of Australian manufacture of technetium-99m (Tc-99m) generators has been addressed, but resumption of production is still some weeks away, the Australian Nuclear Science and Technology Organisation (ANSTO) said on 20 July.” ANSTO, the article added, “is continuing to import generators of the medical isotope from the USA.”

Science

35. Exascale computing project establishes machine learning center

Top 500 (Feldman) reported that the U.S. Exascale Computing Project (ECP) “has set up its sixth co-design center, this one focused on machine learning (ML) technologies.” According to the article, the new center, “known as ExaLearn will target development of ML exascale software for science and engineering application projects and other work being performed under the ECP umbrella.” Specifically, the article noted, the aim “is to produce a ‘scalable and sustainable ML software framework that allows application scientists and the applied mathematics and computer science communities to engage in co-design for learning.” The article indicated that the effort

“will also include a collaboration with the Department of Energy’s (DOE) PathForward vendors to help develop this software for the various hardware platforms.” These, the article added, “include processors and systems being developed by Cray, IBM, Intel, HPE, NVIDIA, and AMD.”

36. ORNL: Machine learning algorithm beats human experts at detecting microscopic radiation damage

CrazyEngineers (Katdare) reported that “engineering researchers are quickly making it possible for the silicon brains to surpass human intelligence.” In yet another excellent feat, the article highlighted, “a team of scientists from University of Wisconsin–Madison and Oak Ridge National Laboratory has been outranked by a machine learning algorithm in the detection and analysis of microscopic radiation affecting materials research used in nuclear reactors.” The article indicated that the “current mechanisms for image analysis at the microscopic level often employ humans who might lack the expertise required to do the job,” and “human detection was found to be error-prone, inconsistent and inefficient.”

37. ORNL develops plant-based print material

Rapid Ready Technology reported that researchers at Oak Ridge National Laboratory (ORNL) “are further expanding the 3D print palette with plant-based materials.” According to the article, the scientists “are using lignin, a byproduct of the biofuel manufacturing process, which is combined with rubber, carbon fiber and ABS to create structures that have ‘100 percent improved weld strength between layers over ABS alone.’”

Climate Change/Global Warming

38. NPPD, DOE study carbon dioxide infrastructure

Daily Energy Insider (Clark) reported that the Nebraska Public Power District (NPPD) “announced last week that it has agreed to be part of a Department of Energy (DOE) Carbon Storage Assurance Facility Enterprise (CarbonSAFE) Phase II study examining carbon dioxide (CO₂) collection, transportation, and storage infrastructure.” According to the article, the “goal of the initiative, called Integrated Mid-Continent Stacked Carbon Storage Hub, is to develop an integrated carbon CO₂ infrastructure in the Midwest for ethanol facilities and nearby power plants.” The article indicated that NPPD “is currently participating in Phase I, working with the Energy Environmental Research Center (EERC) to complete a final report on a pre-feasibility study for a commercial scale CO₂ geologic storage complex and with Ion Engineering on the integrated CO₂ capture facility design for Gentleman Station Unit 2.”

39. Republican warns against “environmental debt” as he proposes carbon tax bill

Washington Examiner (Siegel) reported that “Rep. Carlos Curbelo, R-Fla., on Monday became the first Republican to introduce national carbon pricing legislation in nearly a decade, and challenged his party to confront climate change to save future generations from ‘crushing environmental debt.’” According to the article, Rep. Curbelo’s bill “would impose a tax beginning at \$24 per ton of carbon dioxide in 2020, but which rises 2 percent annually above inflation.” At the same time, the article added, “it repeals the federal taxes on gasoline, diesel, and aviation fuels.”

National News

40. Senate confirms POTUS' VA pick

The Hill (Carney) reported that the Senate “easily cleared President Trump's nominee to lead the Department of Veterans Affairs (VA) on Monday,” noting that senators “voted 86-9 on Robert Wilkie's nomination to be the VA secretary.”

41. 3 people have died after attacks on Bay Area's public transit system in 5 days

CNN (Mossburg, Park) reported that “an 18-year old woman was stabbed to death at a public transit station Sunday evening in Oakland, California, marking the third death in less than a week from unrelated attacks on the Bay Area transit system known as BART.”

Washington Schedule

Upcoming energy-related events in the Washington, D.C. area

Date	Host	Title
07/24	CSIS	<u>EIA's International Energy Outlook 2018</u>
07/26	USEA	<u>Net Power's 50mwth Demonstration Plant: An Update On The Testing And Development Of A Novel, Emissions-Free Natural Gas Power System</u>
09/05	Young Conservatives for Energy Reform & Christian Coalition	<u>2018 Conservative Clean Energy Summit</u>

From: Solan, David
To: McNamee II, Bernard
Subject: FW: OMB Comments: Ethane Storage and Distribution Hub in the United States (EXEC-2018-002795)
Date: Tuesday, July 24, 2018 10:50:12 AM
Attachments: EXEC-2018-002795 Report to Congress Ethane OMB revised 12 July 2018.docx
Ethane Report OMB Comments Combined 5 July 2018 rjs - tracked.docx

fyi

From: Smith, Robert J [mailto:RobertJ.Smith@Hq.Doe.Gov]
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To: Darby, Esther-Elizabeth (CONTR) (HQ) <esther-elizabeth.darby@hq.doe.gov>; Roy, Sukanya (CONTR) (HQ) <sukanya.roy@hq.doe.gov>
Cc: Solan, David <David.Solan@science.doe.gov>; Solan, David (HQ) <david.solan@hq.doe.gov>; Vincent, Kenneth (HQ) <kenneth.vincent@hq.doe.gov>; Peay, Ryan (HQ) <ryan.peay@hq.doe.gov>
Subject: RE: OMB Comments: Ethane Storage and Distribution Hub in the United States (EXEC-2018-002795)

Esther and Suki,

(b) (5)

Please let me know if you need anything additional from me.

Sincerely,
Rob

From: Maddox, Mark
Sent: Tuesday, July 24, 2018 9:36 AM
To: Smith, Robert J <RobertJ.Smith@Hq.Doe.Gov>; Bennett, Shawn <Shawn.Bennett@hq.doe.gov>; Vincent, Kenneth <Kenneth.Vincent@Hq.Doe.Gov>
Cc: Solan, David <david.solan@science.doe.gov>; Solan, David <David.Solan@hq.doe.gov>; Peay, Ryan <Ryan.Peay@hq.doe.gov>
Subject: RE: OMB Comments: Ethane Storage and Distribution Hub in the United States (EXEC-2018-002795)

(b) (5)

Mark R. Maddox
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S: : (b) (6)

From: Goshe, Catherine
To: Armstrong, Chanette; Augustyn, Ann; Biggs, Amy; Blaustein, Rochelle; Bolton, Dwayne S.; Breed, Patricia (EIA); Brown, Michael; Buchan, Samuel; Capanna, Stephen; Capoferri, Anita; Carruthers, Julie; Carter, Tony; Cody, Bill; Crouch, Katherine; Cunningham, Sean; Daniels, Jarad; Dannenfelser, Marty; Davenport, Shari; deForest, Alicia; doe.ocio.executive-secretariat; EERE Legislative Affairs; FE Question for Record; Fibbe, George; Fickel, Louise; Fitzsimmons, Alexander; Forcier, Bridget; Gonzales Harsha, Marcos; Heullant, Jennifer; Hill, Denise; Hodges, Joshua; Jayne, Kevin A.; Jones, Dylan; Kenney, Cecelia; Kislear, Jordan; Levin, Joseph; Lushetsky, John; Lyles, Monica; Maarbjerger, Peder; Manning, Matthew; Manuel, Allan K.; McCurdy, Jake; McNamee II, Bernard; Miller, Sofie; Morman, Laurie; NE Correspondence; Nicoll, Eric; Nolan, Gregory; Oliver, Martha; Pafe, Robert; Parr, Steven M.; Perrin, Rusty; Pezzullo, Leslie; Pruitt, Barbara (Stone); Robertson (Trummell), Candice; Schneir, Sydney; Shaw, Kevin; Simmons, Daniel; Singer, William; Smith, Chelsea; Solan, David; Sutton, Sharon (EIA); TallBear, Jody; Telleen, Paul; Temple, Patricia; Tirado, Christopher; Tullis, Cathy; Tuttle, Robert; Yunaska, Kyle; Zarate, Patricia; Tomboulion, Cynthia; Baca, Richard; Van Dyke, Henry; Diamond, Bruce; (b)(3); (b)(3) Reilly, Thomas; Urie, Matthew; Isa, Eva; Nartker, Michael; Trevethan, Leslie; Harms, Timothy; Davenport, Shari; Everett, Jazmin; Playforth, Taylor; Miotla, Dennis; Williams, Bradley; McRae, Ben; Fyqi, Eric; Fibbe, George; Brown, Michael; Beard, Susan; Capoferri, Anita; Garnish, Theodore
Cc: Chaudhari, Preeti; Cohen, Daniel; Kohl, Elizabeth; Ro, Tina; Tiedeman, Jennifer
Subject: (b) (5)
Date: Tuesday, July 24, 2018 11:03:01 AM
Attachments: (b) (5)
Importance: High

It's come to my attention that the link doesn't work, so I've attached the text of the conference report here.

From: Goshe, Catherine

Sent: Tuesday, July 24, 2018 10:18 AM

To: Armstrong, Chanette <Chanette.Armstrong@hq.doe.gov>; Augustyn, Ann <Ann.Augustyn@hq.doe.gov>; Biggs, Amy <Amy.Biggs@hq.doe.gov>; Blaustein, Rochelle <Rochelle.Blaustein@hq.doe.gov>; Bolton, Dwayne S. <Dwayne.Bolton@hq.doe.gov>; Breed, Patricia (EIA) <patricia.breed@eia.gov>; Brown, Michael <Michael.Brown@hq.doe.gov>; Buchan, Samuel <Samuel.Buchan@hq.doe.gov>; Capanna, Stephen <Steve.Capanna@EE.Doe.Gov>; Capoferri, Anita <Anita.Capoferri@hq.doe.gov>; Carruthers, Julie <julie.carruthers@science.doe.gov>; Carter, Tony <TONY.CARTER@hq.doe.gov>; Cody, Bill <Bill.Cody@hq.doe.gov>; Crouch, Katherine <Katherine.Crouch@Hq.Doe.Gov>; Cunningham, Sean <Sean.Cunningham@hq.doe.gov>; Daniels, Jarad <Jarad.Daniels@hq.doe.gov>; Dannenfelser, Marty <Marty.Dannenfelser@hq.doe.gov>; Davenport, Shari <Shari.Davenport@hq.doe.gov>; deForest, Alicia <Alicia.deForest@hq.doe.gov>; doe.ocio.executive-secretariat <doe.ocio.executive-secretariat@hq.doe.gov>; EERE Legislative Affairs <EERELegAffairs@EE.Doe.Gov>; FE QFRs <Fe_questionforrecord@hq.doe.gov>; Fibbe, George <George.Fibbe@hq.doe.gov>; Fickel, Louise <Louise.Fickel@Hq.Doe.Gov>; Fitzsimmons, Alexander <Alexander.Fitzsimmons@ee.doe.gov>; Forcier, Bridget <Bridget.Forcier@hq.doe.gov>; Gonzales Harsha, Marcos <Marcos.GonzalesHarsha@hq.doe.gov>; Heullant, Jennifer <Jennifer.Heullant@hq.doe.gov>; Hill, Denise <Denise.Hill@hq.doe.gov>; Hodges, Joshua <Joshua.Hodges@nnsa.doe.gov>; Jayne, Kevin A. <Kevin.Jayne@ee.doe.gov>; Jones, Dylan <Dylan.Jones@EE.Doe.Gov>; Kenney, Cecelia <Cecelia.Kenney@hq.doe.gov>; Kislear, Jordan <Jordan.Kislear@hq.doe.gov>; Levin, Joseph <Joseph.Levin@nnsa.Doe.Gov>; Lushetsky, John <John.Lushetsky@hq.doe.gov>; Lyles, Monica <Monica.Lyles@hq.doe.gov>; Maarbjerger, Peder <Peder.Maarbjerger@Hq.Doe.Gov>; Manning, Matthew <Matthew.Manning@hq.doe.gov>; Manuel, Allan K. <Allan.Manuel@hq.doe.gov>;

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<Christopher.Tirado@Hq.Doe.Gov>; Tullis, Cathy <Cathy.Tullis@nnsa.doe.gov>; Tuttle, Robert
<Robert.Tuttle@hq.doe.gov>; Yunaska, Kyle <Kyle.Yunaska@hq.doe.gov>; Zarate, Patricia
<Patricia.Zarate@hq.doe.gov>; Tomboulion, Cynthia <Cynthia.Tomboulion@NNSA.Doe.Gov>; Baca,
Richard <Richard.Baca@nnsa.doe.gov>; Van Dyke, Henry <Henry.VanDyke@nnsa.doe.gov>;
Diamond, Bruce <Bruce.Diamond@NNSA.doe.gov>; (b)(3)
(b)(3) ; Reilly, Thomas <Thomas.Reilly@hq.doe.gov>; Urie,
Matthew <Matthew.Urie@hq.doe.gov>; Isa, Eva <Eva.Isa@em.doe.gov>; Nartker, Michael
<Michael.Nartker@EM.doe.gov>; Trevethan, Leslie <Leslie.Trevethan@em.doe.gov>; Harms,
Timothy <Timothy.Harms@em.doe.gov>; Davenport, Shari <Shari.Davenport@hq.doe.gov>; Everett,
Jazmin <Jazmin.Everett@em.doe.gov>; Playforth, Taylor <Taylor.Playforth@hq.doe.gov>; Miotla,
Dennis <Dennis.Miotla@nuclear.energy.gov>; Williams, Bradley
<Bradley.Williams@Nuclear.Energy.gov>; McRae, Ben <Ben.McRae@hq.doe.gov>; Fygi, Eric
<Eric.Fygi@hq.doe.gov>; Fibbe, George <George.Fibbe@hq.doe.gov>; Brown, Michael
<Michael.Brown@hq.doe.gov>; Beard, Susan <Susan.Beard@hq.doe.gov>; Capoferri, Anita
<Anita.Capoferri@hq.doe.gov>; Garrish, Theodore <Theodore.Garrish@hq.doe.gov>
Cc: Chaudhari, Preeti <Preeti.Chaudhari@hq.doe.gov>; Cohen, Daniel <Daniel.Cohen@hq.doe.gov>;
Kohl, Elizabeth <Elizabeth.Kohl@hq.doe.gov>; Ro, Tina <Tina.Ro@Hq.Doe.Gov>; Tiedeman, Jennifer
<Jennifer.Tiedeman@Hq.Doe.Gov>

Subject: (b) (5)

Importance: High

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DEADLINE: 3:00 PM TODAY

By today's 3PM deadline, please review and provide edits/clearance on the attached 1-page draft press statement on H.R. 5515. The intent is for release of this document upon passage of the H.R.

5515 conference report in the House. The conference text and statement of managers are available at: <https://rules.house.gov/conference-report/H.R.%205515>

If you are providing edits, please provide the rationale for the edits and a POC for OMB to speak with.

Thank you.

Catherine Goshe
Attorney-Adviser
Office of Legislation, Regulation and Energy Efficiency (GC-71)
Office of the General Counsel
U.S. Department of Energy
202-586-7053
catherine.goshe@hq.doe.gov

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From: Tiedeman, Jennifer
To: Maarbierg, Peder; Dannenfelser, Marty; Temple, Patricia; Manning, Matthew; Tuttle, Robert; Oliver, Martha; Forcier, Bridget; Manuel, Allan K.; TallBear, Jody; EERE Legislative Affairs; Capanna, Stephen; Fitzsimmons, Alexander; Jayne, Kevin A.; Simmons, Daniel; Jones, Dylan; Sutton, Sharon (EIA); Breed, Patricia (EIA); Nolan, Gregory; Rasar, Kimberly; Maddox, Mark; James, Sean; Cline, Faith; Nicoll, Eric; Pruitt, Barbara (Stone); Biggs, Amy; Kenney, Cecelia; Telleen, Paul; Buchan, Samuel; Storch, Thomas; Carter, Tony; NE Correspondence; Miotto, Dennis; Williams, Bradley; Fickel, Louise; Lyles, Monica; Perrin, Rusty; Rousseaux, Charles; Lushetsky, John; Cunningham, Sean; Solan, David; Yunaska, Kyle; Heullant, Jennifer; Carruthers, Julie; Klausino, Kathleen; Shaw, Kevin; Oliver, Manny; Seifert, Roger; Baskerville, Sonya; Tyer, Katherine (SWPA); Smith, Barbara; Campbell, Drew; Costner, Brian; Blaustein, Rochelle; Armstrong, Chanette; Smith, Chelsea; Tullis, Cathy; Gonzales Harsha, Marcos; Cody, Bill; deForest, Alicia; Brown, Michael; McRae, Ben; Urie, Matthew; Getz, Tracy M. (GC); Finken, Anne; Pezzullo, Leslie; Simmons, Daniel; TallBear, Jody; Trznadel, Reesha; Konieczny, Katherine; Parr, Steven M.; Bolton, Dwayne S.; McCurdy, Jake; Hodges, Joshua; James, Sean; Cline, Faith; Rasar, Kimberly; Maddox, Mark; McNamee II, Bernard; Capoferri, Anita; Reilly, Thomas; Grace-Tardy, Ami; Singer, William; Miller, Sofie
Cc: Cohen, Daniel; Kohl, Elizabeth; Chaudhari, Preeti; Goshe, Catherine; Ro, Tina
Subject: (b) (5)
Date: Tuesday, July 24, 2018 11:06:29 AM
Attachments: (b) (5)

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All –

(b) (5)

Thank you,

Jennifer

Jennifer Tiedeman
Attorney-Adviser
Office of Legislation, Regulation and Energy Efficiency
Office of the General Counsel
U.S. Department of Energy
202-287-6111 (direct)

From: Turner, Alexa
To: Patterson, Lisa; Singer, Emily
Cc: McNamee II, Bernard; Lotto, Adrienne
Subject: RE: S1 House Energy & Water Development 3/15/2018 Budget hearing--Departmental Administration QFRs
Date: Tuesday, July 24, 2018 12:20:35 PM
Attachments: CF HEWD QFRs FY19--Program Office Cleared w Edit.docx

Lisa-

Thank you for sending. Thoughts on QFRs outlined below.

1. CIO – Concur
2. ARPA-E – Please send through PA for concurrence; (b) (5)
3. BPA/PMA – (b) (5)

Cc'ing Bernie to provide his thoughts, (b) (5)

Also cc'ing AS Bruce Walker's COS,
Adrienne Lotto, for awareness, given that the PMAs now report directly to OE.

Let me know if you have any questions.

Thanks again,

Alexa Turner
Special Advisor
Office of the Deputy Secretary

From: Patterson, Lisa
Sent: Tuesday, July 24, 2018 10:37 AM
To: Singer, Emily <Emily.Singer@hq.doe.gov>; Turner, Alexa <Alexa.Turner@hq.doe.gov>
Subject: S1 House Energy & Water Development 3/15/2018 Budget hearing--Departmental Administration QFRs

Good morning Alexa/Emily! I hope you are well! Attached for your review/concurrence (prior to OMB review), are the Secretary's Departmental Administration (DA) QFRs from his 3/15 HEWD budget hearing. Departmental concurrence from the Programs has now concluded. Once you've had the chance to review, please send me your edits/comments in track changes by Tuesday, 7/31. Thanks very much!

Lisa M. dela Noche-Patterson
Congressional Liaison
U.S. Department of Energy
Office of Budget, External Coordination
(202) 586-7214

From: Patterson, Lisa
To: Turner, Alexa; Singer, Emily
Cc: McNamee II, Bernard; Lotto, Adrienne
Subject: RE: S1 House Energy & Water Development 3/15/2018 Budget hearing--Departmental Administration QFRs
Date: Tuesday, July 24, 2018 12:23:51 PM

Thanks Alexa! (b) (5)
with you soon.

. Take care and talk

Lisa M. dela Noche-Patterson
Congressional Liaison
U.S. Department of Energy
Office of Budget, External Coordination
(202) 586-7214

From: Turner, Alexa
Sent: Tuesday, July 24, 2018 12:21 PM
To: Patterson, Lisa <Lisa.Patterson@hq.doe.gov>; Singer, Emily <Emily.Singer@hq.doe.gov>
Cc: McNamee II, Bernard <Bernard.McNamee@hq.doe.gov>; Lotto, Adrienne <Adrienne.Lotto@hq.doe.gov>
Subject: RE: S1 House Energy & Water Development 3/15/2018 Budget hearing--Departmental Administration QFRs

Lisa-

Thank you for sending. Thoughts on QFRs outlined below.

1. CIO – Concur
2. ARPA-E – Please send through PA for concurrence; (b) (5)
(b) (5)
3. BPA/PMA – (b) (5)

Cc'ing Bernie to provide his thoughts, (b) (5)

Also cc'ing AS Bruce Walker's COS,
Adrienne Lotto, for awareness, given that the PMAs now report directly to OE.

Let me know if you have any questions.

Thanks again,

Alexa Turner
Special Advisor
Office of the Deputy Secretary

From: Patterson, Lisa

Sent: Tuesday, July 24, 2018 10:37 AM

To: Singer, Emily <Emily.Singer@hq.doe.gov>; Turner, Alexa <Alexa.Turner@hq.doe.gov>

Subject: S1 House Energy & Water Development 3/15/2018 Budget hearing--Departmental Administration QFRs

Good morning Alexa/Emily! I hope you are well! Attached for your review/concurrence (prior to OMB review), are the Secretary's Departmental Administration (DA) QFRs from his 3/15 HEWD budget hearing. Departmental concurrence from the Programs has now concluded. Once you've had the chance to review, please send me your edits/comments in track changes by Tuesday, 7/31. Thanks very much!

Lisa M. dela Noche-Patterson
Congressional Liaison
U.S. Department of Energy
Office of Budget, External Coordination
(202) 586-7214

From: Patterson, Lisa
To: McNamee II, Bernard
Cc: Lotto, Adrienne
Subject: FW: S1 House Energy & Water Development 3/15/2018 Budget hearing--Departmental Administration QFRs
Date: Tuesday, July 24, 2018 12:28:23 PM
Attachments: CF HEWD QFRs FY19--Program Office Cleared w Edit.docx
Importance: High

Good afternoon Bernie. Per Alexa's email below, once you've had the chance to review the BPA/PMA QFR response, please let me know if you have any additional edits/comments to add. Take care and talk with you soon!

Lisa M. dela Noche-Patterson
Congressional Liaison
U.S. Department of Energy
Office of Budget, External Coordination
(202) 586-7214

From: Turner, Alexa
Sent: Tuesday, July 24, 2018 12:21 PM
To: Patterson, Lisa <Lisa.Patterson@hq.doe.gov>; Singer, Emily <Emily.Singer@hq.doe.gov>
Cc: McNamee II, Bernard <Bernard.McNamee@hq.doe.gov>; Lotto, Adrienne <Adrienne.Lotto@hq.doe.gov>
Subject: RE: S1 House Energy & Water Development 3/15/2018 Budget hearing--Departmental Administration QFRs

Lisa-

Thank you for sending. Thoughts on QFRs outlined below.

1. CIO – Concur
2. ARPA-E – Please send through PA for concurrence; (b) (5)
3. BPA/PMA – (b) (5)

Cc'ing Bernie to provide his thoughts, (b) (5)

Also cc'ing AS Bruce Walker's COS,

Adrienne Lotto, for awareness, given that the PMAs now report directly to OE.

Let me know if you have any questions.

Thanks again,

Alexa Turner
Special Advisor

Office of the Deputy Secretary

From: Patterson, Lisa

Sent: Tuesday, July 24, 2018 10:37 AM

To: Singer, Emily <Emily.Singer@hq.doe.gov>; Turner, Alexa <Alexa.Turner@hq.doe.gov>

Subject: S1 House Energy & Water Development 3/15/2018 Budget hearing--Departmental Administration QFRs

Good morning Alexa/Emily! I hope you are well! Attached for your review/concurrence (prior to OMB review), are the Secretary's Departmental Administration (DA) QFRs from his 3/15 HEWD budget hearing. Departmental concurrence from the Programs has now concluded. Once you've had the chance to review, please send me your edits/comments in track changes by Tuesday, 7/31. Thanks very much!

Lisa M. dela Noche-Patterson
Congressional Liaison
U.S. Department of Energy
Office of Budget, External Coordination
(202) 586-7214

From: Konieczny, Katherine
To: McNamee II, Bernard; Cunningham, Sean; Fibbe, George
Subject: RE: documents
Date: Wednesday, July 25, 2018 2:57:58 PM
Attachments: Draft Order 2018-5-22 915am.docx
Draft Presidential Memo 2018-5-23 1115am.docx

PRIVILEGED CONFIDENTIAL

Those two documents haven't changed since May (b) (5)

-----Original Message-----

From: McNamee II, Bernard
Sent: Wednesday, July 25, 2018 1:59 PM
To: Cunningham, Sean <Sean.Cunningham@hq.doe.gov>; Fibbe, George <George.Fibbe@hq.doe.gov>;
Konieczny, Katherine <Katherine.Konieczny@Hq.Doe.Gov>
Subject: RE: documents

(b) (5)

Could someone send it to me? Thanks. Bernie

-----Original Message-----

From: Cunningham, Sean
Sent: Wednesday, July 25, 2018 12:52 PM
To: McNamee II, Bernard <Bernard.McNamee@hq.doe.gov>; Fibbe, George <George.Fibbe@hq.doe.gov>;
Konieczny, Katherine <Katherine.Konieczny@Hq.Doe.Gov>
Subject: documents

PRIVILEGED AND CONFIDENTIAL
PRE-DECISIONAL

Attached as promised. The last document is just notes for reference.

From: Almstead, Deidre on behalf of S1 Schedule
To: McCormack, Brian; Wilmot, Dan; Wallwork, Luke; McNamee II, Bernard; Menezes, Mark; Winberg, Steven; Maddox, Mark; Hynes, Shaylyn; Habansky, Sarah; Turenne, William; Liben, Paul; Storch, Thomas; Elfers, Kristen; Garrish, Theodore; Buchan, Samuel; Almstead, Deidre; Uddo, Joe
Subject: Pre-brief: Cove Point Event

From: Konieczny, Katherine
To: Cunningham, Sean
Cc: McNamee II, Bernard
Subject: RE: analysis specs
Date: Wednesday, July 25, 2018 4:55:01 PM

PRIVILEGED CONFIDENTIAL

(b) (5)

-----Original Message-----

From: Cunningham, Sean
Sent: Wednesday, July 25, 2018 4:19 PM
To: Konieczny, Katherine <Katherine.Konieczny@Hq.Doe.Gov>
Cc: McNamee II, Bernard <Bernard.McNamee@hq.doe.gov>
Subject: analysis specs

PRIVILEGED AND CONFIDENTIAL

Kathy, Please take a look at this (below) and let me know what you think. I may send it to Adrienne in advance of our meeting with Bruce tomorrow. -- Sean

(b) (5)

(
b
)
(
5)

Document 35

From: Budd, Hunter
To: Menezes, Mark; Varnasidis, Sophia; Walker, Bruce; Tripodi, Cathy; Winberg, Steven; McNamee II, Bernard; McGinnis, Edward; Bosco, Paul; Sneed, John; Frost, Kevin R.; Plowfield, Carole; Moury, Matthew
Cc: Haddad, Zead; Sanford, Jessica L.; Humphrey, Julian; Smith, Wayne D; Naughton, Janet; Ison, Jeremy T.
Subject: S3 Weekly Report
Date: Wednesday, July 25, 2018 9:22:22 AM
Attachments: S3 PROGRAM WEEKLY REPORT 7.25.docx

Hunter F. Budd
U.S. Department of Energy
Work: (202) 586-1414
Cell: (b) (6)
Hunter.Budd@hq.doe.gov

From: Hsieh, Eric
To: McNamee II, Bernard
Cc: Yunaska, Kyle
Subject: RE: QF Market Trends Presentation
Date: Wednesday, July 25, 2018 11:24:20 AM
Attachments: 2018-07-24 QF Market Trends.pptx

(b) (5)

Corrected version

attached.

(b) (5)

From: McNamee II, Bernard
Sent: Wednesday, July 25, 2018 9:56 AM
To: Hsieh, Eric <Eric.Hsieh@Hq.Doe.Gov>
Cc: Yunaska, Kyle <Kyle.Yunaska@hq.doe.gov>
Subject: RE: QF Market Trends Presentation

Eric—Can you double check the figures in the slides? (b) (5)

Thanks, Bernie

From: Hsieh, Eric
Sent: Tuesday, July 24, 2018 4:25 PM
To: McNamee II, Bernard <Bernard.McNamee@hq.doe.gov>; Harsanyi, Katherine <Katherine.Harsanyi@hq.doe.gov>; Kansupada, Cabir (INTERN) <Cabir.Kansupada@hq.doe.gov>; Oueid, Rima <Rima.Oueid@Hq.Doe.Gov>; Wilson, Cynthia <Cynthia.Wilson@hq.doe.gov>
Cc: Yunaska, Kyle <Kyle.Yunaska@hq.doe.gov>; Lushetsky, John <John.Lushetsky@hq.doe.gov>; Rohlfing, Eric <Eric.Rohlfing@Hq.Doe.Gov>
Subject: QF Market Trends Presentation

Bernie,

Thanks for the feedback on the QF presentation and outline this afternoon. The presentation is attached, for potential forwarding to S3. Significant credit is due to Katherine, Cabir, Rima, and Cyndy for their work so far on this project.

Given upcoming staff travel/vacations, we expect to have a draft of the memo to you by the week of Aug 6.

-Eric

From: Cunningham, Sean
To: McNamee II, Bernard; Fibbe, George; Konieczny, Katherine
Subject: documents
Date: Wednesday, July 25, 2018 12:52:32 PM
Attachments: (b) (5)

PRIVILEGED AND CONFIDENTIAL
PRE-DECISIONAL

Attached as promised. The last document is just notes for reference.

From: Daniels, Jarad
To: Winberg, Steven; Kokkinos, Angelos; Maddox, Mark; Cunningham, Sean; McNamee II, Bernard
Cc: Balash, Peter (NETL); Zelek, Charles
Subject: RE: TASK--(b) (5) Presdecisional
Date: Thursday, July 26, 2018 9:49:46 AM
Attachments: Coal and nuclear announced retirements May2018-Dec2025-ISO retirement li...xlsx

Hi Bernie,

(b) (5)

Best,
Jarad

From: Winberg, Steven
Sent: Wednesday, July 25, 2018 5:27 PM
To: Daniels, Jarad <Jarad.Daniels@hq.doe.gov>
Subject: FW: TASK--(b) (5) Presdecisional

See below.

From: McNamee II, Bernard
Sent: Wednesday, July 25, 2018 2:53 PM
To: Winberg, Steven <Steven.Winberg@hq.doe.gov>; Kokkinos, Angelos <Angelos.Kokkinos@hq.doe.gov>; Maddox, Mark <MRMaddox@hq.doe.gov>
Cc: Cunningham, Sean <Sean.Cunningham@hq.doe.gov>
Subject: RE: TASK--(b) (5) Presdecisional

Steve/Angelos- (b) (5)

Thanks, Bernie

From: Kokkinos, Angelos
Sent: Tuesday, July 03, 2018 1:36 PM
To: McNamee II, Bernard <Bernard.McNamee@hq.doe.gov>
Subject: RE: TASK--(b) (5) Presdecisional

Bernie

We are getting together on Thursday. I am out of the country, will call in, but Jarad and the NETL team are working on it.

Angelos Kokkinos
Director
Office of Advanced Fossil Technology Systems

Fossil Energy
Department of Energy
Washington, D.C. 20585

P: +1 (202) 287-5979
M: (b) (6)

From: McNamee II, Bernard <Bernard.McNamee@hq.doe.gov>
Date: Tuesday, Jul 03, 2018, 6:00 PM
To: Winberg, Steven <Steven.Winberg@hq.doe.gov>, Maddox, Mark <MRMaddox@hq.doe.gov>, Kokkinos, Angelos <Angelos.Kokkinos@hq.doe.gov>
Cc: Cunningham, Sean <Sean.Cunningham@hq.doe.gov>
Subject: TASK--(b) (5) Presdecisional

Predecisional

Steve/Mark/Angelos- (b) (5)

(b) (5)

Thanks. Bernie

Bernard L. McNamee II
Executive Director
Office of Policy
U.S. Department of Energy

From: Cunningham, Sean
To: Walker, Bruce; Lotto, Adrienne
Cc: Konieczny, Katherine; McNamee II, Bernard
Subject: for 4:30 classification meeting
Date: Thursday, July 26, 2018 2:45:14 PM
Attachments: (b) (5)

PRIVILEGED AND CONFIDENTIAL
PRE-DECISIONAL

Bruce and Adrienne,

In advance of the classification meeting we have scheduled for 4:30 today, I would like to run by you a rough summary of the analysis I think we would be asking Joe McC to do -- please see attached (and text of same copied below). (b) (5)

Open to all

suggestions regarding form and content.

Thanks,

Sean

(b) (5)

From: Hsieh, Eric
To: McNamee II, Bernard
Cc: Yunaska, Kyle; Ho, Hugh
Subject: RE: Predecisional--Info needed
Date: Thursday, July 26, 2018 3:40:45 PM
Attachments: NG Pipeline Request.docx

Bernie,

The attached document contains links and excerpts to first-tier documents relevant to the 4 questions. Many thanks to Hugh for the research help. Please let us know if we can provide any follow-up.

Eric

-----Original Message-----

From: McNamee II, Bernard
Sent: Thursday, July 26, 2018 10:41 AM
To: Hsieh, Eric <Eric.Hsieh@Hq.Doe.Gov>
Cc: Yunaska, Kyle <Kyle.Yunaska@hq.doe.gov>
Subject: RE: Predecisional--Info needed

No formal memo needed. Just the document, and a note saying what page of the document you think the relevant info is on. I can reach out to Kevin. Thanks. Bernie

-----Original Message-----

From: Hsieh, Eric
Sent: Thursday, July 26, 2018 10:39 AM
To: McNamee II, Bernard <Bernard.McNamee@hq.doe.gov>
Cc: Yunaska, Kyle <Kyle.Yunaska@hq.doe.gov>
Subject: RE: Predecisional--Info needed

Yes, happy to provide this info. I'm best suited to provide 1, 3, and 4, but someone in OP-30 (perhaps Kevin Easley) would be better at 3. Should I reach out to him?

If I need to choose between providing either this data or the market distortions memo by COB, which would you prefer? I rate it at 75% that I can complete both today.

-----Original Message-----

From: McNamee II, Bernard
Sent: Thursday, July 26, 2018 10:11 AM
To: Hsieh, Eric <Eric.Hsieh@Hq.Doe.Gov>
Cc: Yunaska, Kyle <Kyle.Yunaska@hq.doe.gov>
Subject: Predecisional--Info needed

Eric--I am looking for examples and data for the four items below. I think the various filings in the FERC resiliency docket may have this info, but if you are aware of other resources that address the issues below, please send them.
(b) (5)

Please provide by COB today. If you need more time, just let me know. Thanks. Bernie

Topics:

1. (b) (5)

2. (b) (5)

3. (b) (5)

4. (b) (5)

Thanks. Bernie

Bernard L. McNamee II
Executive Director
Office of Policy
U.S. Department of Energy

From: [Dannenfelter, Marty](#)
To: [McNamee II, Bernard](#)
Subject: FW: Draft S1 Remarks for Rep Katko event next Wednesday
Date: Thursday, July 26, 2018 3:49:56 PM
Attachments: [S1 New York Nuclear Energy August 2018 PA.docx](#)

Bernie,

Do you have any policy guidance or documents you would like to see provided to S1 for this nuclear-energy related event he is doing in Upstate New York next Wednesday?

Marty

From: Rousseaux, Charles
Sent: Thursday, July 26, 2018 10:12 AM
To: Habansky, Sarah <Sarah.Habansky@hq.doe.gov>; Bolton, Dwayne S. <Dwayne.Bolton@hq.doe.gov>; Dannenfelter, Marty <Marty.Dannenfelter@hq.doe.gov>; Moore, Janelle <Janelle.Moore@hq.doe.gov>
Cc: Liben, Paul <Paul.Liben@hq.doe.gov>; Turenne, William <William.Turenne@hq.doe.gov>; Love, Kelly <Kelly.Love@hq.doe.gov>; Hynes, Shaylyn <Shaylyn.Hynes@hq.doe.gov>; Szymanski, Jessica <Jessica.Szymanski@hq.doe.gov>
Subject: RE: Draft S1 Remarks for Rep Katko event next Wednesday

Sarah,

Here are S1's draft remarks for the event, which have been cleared by our colleagues in NE.

Charles

-----Original Message-----

From: Habansky, Sarah
Sent: Thursday, July 26, 2018 10:03 AM
To: Liben, Paul <Paul.Liben@hq.doe.gov>; Rousseaux, Charles <charles.rousseau@HQ.DOE.Gov>; Bolton, Dwayne S. <Dwayne.Bolton@hq.doe.gov>; Dannenfelter, Marty <Marty.Dannenfelter@hq.doe.gov>
Cc: Moore, Janelle <Janelle.Moore@hq.doe.gov>
Subject: FW: Rep Katko event next Wednesday
Importance: High

All - just re-flagging as this is coming up. We will need his materials to go in his book Monday when he leaves for NYC.

CI- Have you received anything more on this?

-----Original Message-----

From: Habansky, Sarah
Sent: Friday, July 20, 2018 11:53 AM

To: Liben, Paul <Paul.Liben@hq.doe.gov>; Rousseaux, Charles <charles.rousseau@HQ.DOE.Gov>
Cc: Bolton, Dwayne S. <Dwayne.Bolton@hq.doe.gov>; Moore, Janelle <Janelle.Moore@hq.doe.gov>
Subject: FW: Syracuse event

PA - Flagging this to get it on your radar.

-----Original Message-----

From: Gerdes, Stan
Sent: Friday, July 20, 2018 11:29 AM
To: Habansky, Sarah <Sarah.Habansky@hq.doe.gov>
Cc: Bolton, Dwayne S. <Dwayne.Bolton@hq.doe.gov>
Subject: RE: Syracuse event

Attached is the invite...S1 is doing an energy roundtable at the FitzPatrick Nuclear Power Plant on August 1st from 10-11am.

I do not have any additional details for this event yet.

Dwayne -- has Katko's folks sent anything else?

-----Original Message-----

From: Habansky, Sarah
Sent: Friday, July 20, 2018 11:25 AM
To: Gerdes, Stan <Stan.Gerdes@hq.doe.gov>
Subject: Syracuse event

WH was asking if we have info yet on this event. Do you have any details I can share? Thanks

Document 42

From: Easley, Kevin
To: McNamee II, Bernard
Cc: Powell, John; Hsieh, Eric; Menees, Sydney; Easley, Kevin
Subject: RE: Some info needed
Date: Thursday, July 26, 2018 3:58:08 PM
Attachments: NERC_Special Reliability Assessment and Potential Disruptions to NG System & BPS_Nov 2017.pdf

Bernie,

In working with John, Eric and Sydney to respond to your request for information earlier today, we discovered a few things of note and would like to share them with you here:

1. Regarding the FERC Resilience Docket (No. AD18-7-000), in researching the comments posted there (today, and in the past several week by Eric's team), we've not been able to identify – per your request – (b) (5)

2. (b) (5)

3. (b) (5)
 - a. (b) (5)

 - b. (b) (5)

In conclusion, we stand ready to research and analyze information such as those resources cited above to provide additional information / insights about (b) (5)

. (b) (5)

In addition, it's likely that other DOE laboratories (beyond the two identified above) are working on these very same issues / analyses, (b) (5)

That's all we have, at the moment. Please send a 'reply all' to our OP team receiving this e-mail to let us know your thoughts and potential next steps you would like for us to pursue.

Kind regards,

Kevin

[https://www.nerc.com/FilingsOrders/us/NERC%20Filings%20to%20FERC%20DI/Resilience%20Proceeding%20Comments%20\(AD18-7\).pdf](https://www.nerc.com/FilingsOrders/us/NERC%20Filings%20to%20FERC%20DI/Resilience%20Proceeding%20Comments%20(AD18-7).pdf)

Excerpts from NERC Comments in FERC's Resilience Docket (Docket No. AD18-7-000)

UNITED STATES OF AMERICA BEFORE THE FEDERAL ENERGY REGULATORY COMMISSION
Grid Resilience in Regional Transmission Organizations and Independent System Operators

Situational Awareness and Information Sharing Through the E-ISAC and NERC Bulk Power System Awareness (pg. 14)

- NERC's activities as part of the E-ISAC and Bulk Power System Awareness ("BPSA") also contribute to resilience. A major disruption in electric service due to an event on the system, such as cyber-security incident or physical attack, could have far-reaching effects. As a result, the ERO Enterprise has instituted several initiatives to ensure a more resilient system, better secured against cyber and physical threats to the grid.
- The E-ISAC serves as the primary security communications channel for the electricity industry and enhances industry readiness and ability to respond to threats, vulnerabilities, and incidents that could affect the BPS. The E-ISAC's Cybersecurity Risk Information Sharing Program ("CRISP") also provides a voluntary program to facilitate real-time, computer-to-computer data exchange involving potential security threats identified through monitoring participating utility networks. Further, the E-ISAC holds a biannual GridEx conference to allow participants the opportunity to self-assess their emergency response and recovery plans through simulated security exercises featuring stresses on the system.
- Similarly, the NERC BPSA collects and analyzes information on system disturbances and other incidents that affect the North American BPS. The BPSA then disseminates this information to internal departments, registered entities, regional organizations, and governmental agencies as necessary. In addition, the BPSA monitors ongoing storms, natural disasters, and geopolitical events that may affect or are currently affecting the BPS. The BPSA issues alerts to NERC registered entities and the electricity sector upon discovering, identifying or receiving information that is critical to ensuring the reliability of the BPS. These activities by the E-ISAC and BPSA help support a BPS better able to anticipate, withstand, respond to, recover from, and learn from events.

-----Original Message-----

From: McNamee II, Bernard
Sent: Thursday, July 26, 2018 10:53 AM
To: Easley, Kevin <Kevin.Easley@hq.doe.gov>
Cc: Powell, John <John.Powell@hq.doe.gov>
Subject: Some info needed

Kevin--(b) (5)

(b) (5)

Please provide by COB today. If you need more time, just let me know. Thanks. Bernie

Bernard L. McNamee II
Executive Director
Office of Policy
U.S. Department of Energy

From: Yunaska, Kyle
To: DL-OP-ALL
Subject: FW: July 26, 2018 Daily News Briefing for DOE
Date: Thursday, July 26, 2018 5:40:22 AM
Attachments: July 26, 2018 Daily News Briefing for DOE.pdf

From: Media Analyst (General)
Sent: Thursday, July 26, 2018 5:39:10 AM (UTC-05:00) Eastern Time (US & Canada)
To: doe
Subject: July 26, 2018 Daily News Briefing for DOE

DOE News

1. POTUS strikes deal with Europe to buy more U.S. energy
2. Sec. Perry to participate in ribbon cutting at Cove Point LNG
3. DOE official "dismayed" about "politically driven" response to Puerto Rico's power problems after hurricane
4. Committee approves Daniel Simmons to lead DOE's renewable energy office
5. Talking Redskins at work not harassment, district court says
6. COLUMN: Coal retirements could be devastating for grid resiliency, consumer costs

Electricity/Cyber Security

7. Danfoss symposium explores resiliency and efficiency
8. EIA: Aging grids drive \$51B in annual utility distribution spending
9. Bipartisan Senate duo presses POTUS to protect nation's energy grid from Russia
10. How hackers are going after the energy grid

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11. Utah FORGE geothermal research project receives Utah Economic Opportunity State Grant
12. DOE announces \$3.6m funding opportunity in Machine Learning for Geothermal Energy
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14. Study: Aggressive renewable standards spur solar, wind investments

Fossil Energy

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Nuclear Energy

21. The first small nuclear modular reactor in the country may be coming soon — and it has early buy-in from more than 20 Utah municipalities

22. Nuclear decommissioning panel sends recommendations to Gov. Baker

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24. UAE's nuclear power plant gets electricity generation license

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27. FSU/PC hosts physics camp

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Science

37. Ravi Prasher appointed as Berkeley Lab's associate laboratory director for energy technologies

38. Cal alum, longtime Berkeley Lab engineer, dies at 103

39. ORNL Director Thomas Zacharia to present community lecture Thursday

40. Stony Brook wins \$22M to fund energy research

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41. Study links climate change to rise in suicide rate

National News

42. POTUS, E.U. announce deal to avert escalation of trade tensions

43. Blast outside U.S. embassy in China injures suspect

Washington Schedule

DOE News

1. POTUS strikes deal with Europe to buy more U.S. energy

Washington Examiner (Siciliano) reported that President Trump "hashed out a trade deal on Wednesday that will lead to Europe buying more liquefied natural gas from the U.S. to diversify its energy supplies." According to the article, POTUS said the "new steps taken Wednesday to reduce trade barriers on both sides of the Atlantic" will also be "strengthening" the U.S.-European strategic relationship on energy. The article indicated that the president "added that the U.S. will help ease the process for shipping more LNG to the European Union under the new trade deal, but did not give any details." Sec. Perry, the article noted, "will participate in a Thursday ribbon-cutting ceremony for the nation's second large natural gas export terminal, and the first on the East Coast, outside of Washington in Lusby, Md." The article explained that the Cove Point terminal "will provide one of the closest direct routes to expand

U.S. natural gas shipments to Europe.” On Wednesday, the article added, Sec. Perry “announced that the agency is moving forward with new regulations to ‘expedite the permitting of certain small-scale exports of natural gas’ to South and Central America.”

2. Sec. Perry to participate in ribbon cutting at Cove Point LNG

LNG Industry reported that “on 26 July 2018, the US Secretary of Energy, Rick Perry, will visit Dominion Energy’s Cove Point LNG Export Facility in Lusby, MD.” According to the article, Sec. Perry “will tour the facility, provide remarks, and participate in the ribbon-cutting ceremony.” The article indicated that the “completion of the Cove Point LNG export expansion project makes it just the second LNG export facility in the continental US, accompanying Sabine Pass in Louisiana.”

3. DOE official “dismayed” about “politically driven” response to Puerto Rico’s power problems after hurricane

Washington Examiner (Siegel) reported that “a Trump administration energy official and House lawmakers blasted Puerto Rico’s state-run, bankrupt power utility Wednesday for organizational failures that slowed its response to repairing the island’s power grid after Hurricane Maria destroyed it in September.” According to the article, Bruce Walker, “the Energy Department’s assistant secretary at the Office of Electricity, used unusually blunt terms to say the Puerto Rico Energy Power Authority, or PREPA, is tarred by political interference, and called for removing oversight power of the utility from the island’s governor, Ricardo Rossello.” The article indicated that the assistant secretary said the Trump administration “is spending \$6 billion to help repair Puerto Rico’s power grid,” but that “despite the problems, and billions spent on Puerto Rico’s power needs, the federal government is not considering taking over PREPA, as some rumors have implied.” Bloomberg (Kaske, Natter) reported that “a top Department of Energy official used a House hearing Wednesday to blast political interference in Puerto Rico’s electricity monopoly, saying lawmakers should wrest board seats from the governor.” The article indicated that Assistant Secretary Bruce Walker “also said lawmakers should take away Governor Ricardo Rossello’s ability to appoint members to the Puerto Rico Energy Commission, an oversight body.”

4. Committee approves Daniel Simmons to lead DOE’s renewable energy office

PV Magazine (Roselund) reported that “yesterday the U.S. Senate Energy and Natural Resources Committee approved Daniel Simmons to lead the Department of Energy’s Office of Energy Efficiency and Renewable Energy (EERE) by a vote of 14-9.” The article indicated that Mr. Simmons “will now go to the full Senate for confirmation.”

5. Talking Redskins at work not harassment, district court says

Bloomberg BNA (Dorrian) reported that “a Native American attorney wasn’t subjected to illegal harassment when her colleagues at the Department of Energy talked about the Washington Redskins and displayed team paraphernalia at work, the U.S. District Court for the District of Columbia said.” According to the article, the July 24 decision “is a reminder that not all workplace behavior that some may find offensive is outlawed under current U.S. anti-discrimination law.” The article indicated that Jody TallBear’s “racial harassment claim failed because her lawsuit makes clear her co-workers in the DOE’s Office of Economic Impact and Diversity used the term ‘redskins’ and displayed or wore clothing containing the NFL team’s logo ‘not as a slur,’ but to support their team, Judge Dabney L. Friedrich said.”

6. COLUMN: Coal retirements could be devastating for grid resiliency, consumer costs

Piqua Daily Call (Kandrach) stated that “a new case study conducted by Energy Ventures Analysis (EVA) examined the potential cost of early retirement for three coal plants operating in the PJM market — the nation’s largest electricity capacity region.” According to the article, the study “shows that the cost of retiring these three at-risk plants would be fifteen times higher than providing support to keep them on the grid.” The cost in higher prices from premature retirement, the article highlighted, “would exceed \$2 billion per year.” Conversely, the article pointed out, “the annual support needed to keep these plants on the grid would total just \$130 million, with net savings to consumers exceeding \$1.9 billion annually.” The article concluded that DOE “should act now to bring needed balance to electricity markets before consumers bear the full brunt of a reliability and resiliency crisis.”

Electricity/Cyber Security

7. Danfoss symposium explores resiliency and efficiency

Contracting Business reported that Richard Sweetser, “Senior Advisor to the US Department of Energy Mid-Atlantic CHP Technical Assistance Partnership, maintained that progress on resilience requires taking seriously another basic change occurring in grid strategy: a shift from the traditional providers-customers transaction model.” According to the article, one potential model being discussed “is where the utility is central to a blockchain like transaction model in which microgrids can provide a structure for a multitude of supply/purchase transactions where the utility serves as the transaction platform, an idea that comports well with the broad notion of a self-optimizing grid.” In such a context, the article noted, “combining microgrids with a new transaction model, combined heat and power is especially valuable in sustaining resilience.” The article indicated that it can “provide a continuous supply of electric and thermal energy, enhance overall grid stability and relieve congestion, withstand long outages, support variable renewable energy sources and perhaps, most importantly, better enable microgrid deployment for a diverse generation mix.” The future of resilience, the article added, “emerges on a platform of a new and more agile grid structure with a cyber-enhanced transaction model and supporting CHP technology to create an electrical power generation and distribution system with greater dexterity and adaptability than any previously envisioned.”

8. EIA: Aging grids drive \$51B in annual utility distribution spending

Utility Dive (Walton) reported that “major utilities are spending more than ever on their distribution systems, largely driven by capital expenditures to replace aging equipment, according to new analysis from the U.S. Energy Information Administration (EIA).” The article indicated that “utility distribution spending has risen 54% since 1997, from \$31 billion to \$51 billion annually, EIA said following an analysis of major utilities representing about 70% of total U.S. electric load.” During that same time, the article noted, “annual capital investment by these utilities for electric distribution systems nearly doubled — and remains the largest chunk of utility distribution system spending.” The article added that “some 70% of power transformers are 25 years or older.”

9. Bipartisan Senate duo presses POTUS to protect nation's energy grid from Russia

Washington Examiner (Siciliano) reported that “a Senate bipartisan duo is urging

President Trump to take action to combat the threat of cyberattack by Russia after reports showed the country had tried to bring down the U.S. electric grid last year.” According to the article, Sen. Maria Cantwell of Washington, “the top Democrat on the Energy and Natural Resources Committee, joined with South Carolina Republican Lindsey Graham on Wednesday in sending a letter to the White House over concerns ‘about Russia’s capabilities with respect to cyberattacks on our energy infrastructure.’” The article indicated that the senators wrote “we believe the federal government needs to take stronger action prioritizing cybersecurity of energy networks and fighting cyber aggression to match your Department of Energy’s outward facing commitment.”

10. How hackers are going after the energy grid

FCW (Rockwell) reported that the “Russian cyberattack that targeted hundreds of corporate and federal victims in a campaign to access energy critical infrastructure providers was, and is, backed by extensive legwork by human intruders, according to a top Department of Homeland Security analyst.” According to the article, the attackers “infiltrated the networks and control systems of ‘quite a number’ of energy infrastructure providers last summer by leveraging the trusted electronic identities of victims targeted in a stealthy spearphishing and watering hole campaign between 2016 and 2017.” The article added that DHS “walked back published reports that the hackers were close to being able to actually take control of infrastructure targets.”

Energy Efficiency and Renewable Energy

11. Utah FORGE geothermal research project receives Utah Economic Opportunity State Grant

Think GeoEnergy (Richter) reported that the Governor’s Office of Economic Development “has announced the approval of a \$365k grant for the FORGE geothermal research project in the State of Utah/ U.S. that recently won big funding from the U.S. Department of Energy.” Reported yesterday, the article noted, “the Governor’s Office of Economic Development has approved an Industrial Assistance Fund, post-performance Economic Opportunity Grant for the amount of \$365,000 for the Frontier Observatory for Research in the Observatory for Research in Geothermal Energy.” According to the article, the project “will create 23 new jobs with an average full-time wage of \$94,000 per year and a capital investment of more than \$100 million.”

12. DOE announces \$3.6m funding opportunity in Machine Learning for Geothermal Energy

Think GeoEnergy (Richter) reported that “in a release last week, the U.S. Energy Department announced up to \$3.6 million for 4-6 projects that will focus on early-stage R&D applications in machine learning to develop technology improvements in exploration and operational improvements for geothermal resources.” According to the article, the “rapidly advancing field of machine learning offers substantial opportunities for technology advancement and cost reduction throughout the geothermal project lifecycle, from resource exploration to power plant operations.”

13. Hawaii to install over 4,200 solar modules at Honolulu airport

Pacific Business News (Mai) reported that the Hawaii Department of Transportation “is adding more than 4,200 solar modules to the Daniel K. Inouye International Airport in Honolulu as part of its ongoing effort to be environmentally friendly.” The article indicated that “on Tuesday, the HDOT said that it will install 4,260 new solar modules on the seventh floor of the Terminal 1 parking garage, formerly known as the

Interisland Terminal.” According to a statement, the article added, “the modules are set to generate 2 megawatts of direct current/1.6 MW of alternating current, which is enough to power 328 homes.”

14. Study: Aggressive renewable standards spur solar, wind investments

KSL (O’Donoghue) reported that “new research says states that take the lead on embracing renewable energy investments help drive down costs on the technology, ultimately passing those savings on to energy consumers.” The article indicated that “states, the study found, that have strict renewable energy standards foster greater expansion of wind development and solar power by utility companies.” According to the article, the research was led by “Indiana University professor Sanya Carley. David B. Spence, a law professor at the University of Texas at Austin, and Nikolaos Ziogiannis, an assistant scientist from Indiana University, also participated in the project.”

Fossil Energy

15. Oil prices rise as Saudi Arabia suspends shipments through Red Sea lane (contains EIA data)

Reuters (Sheldrick) reported that “Brent crude led oil prices higher on Thursday, extending gains into a third day after Saudi Arabia suspended crude shipments through a strategic Red Sea shipping lane and as data showed U.S. inventories fell to a 3-1/2 year low.” According to the article, Brent crude futures “had risen 42 cents, or 0.6 percent, to \$74.35 a barrel by 0648 GMT, after gaining 0.7 percent on Wednesday,” and U.S. West Texas Intermediate crude futures “were up 5 cents at \$69.35 a barrel, after climbing more than 1 percent in the previous session.” The article indicated that EIA said on Wednesday that crude inventories “fell 6.1 million barrels in the week to July 20, compared with analyst expectations for a decrease of 2.3 million barrels.” At “404.9 million barrels,” the article added, “inventories, not including the nation’s emergency petroleum reserve, were at their lowest level since February 2015.”

16. Saudi Arabia halts red sea oil shipments after Houthi attacks

The Wall Street Journal (Said) reported that Saudi Arabia “is temporarily halting all oil shipments going through an important Red Sea waterway, accusing Iran-allied rebels of attacking two crude tankers on Wednesday.” The article indicated that “stopping crude shipments through the Bab el-Mandeb strait—which connects the Red Sea to the Gulf of Aden—marks another escalation in the war between an Arab military coalition and Houthi rebels for control of Yemen.” According to the article, Saudi Arabia “is attempting to ramp up oil exports amid an effort to keep the world well-supplied with oil as the U.S. squeezes Riyadh’s rival, Iran, with new sanctions that could reduce its oil exports.” Saudi energy minister Khalid al-Falih, the article added, said “all oil exports through the southern Red Sea would be halted ‘until the situation becomes clearer and the maritime transit through Bab el-Mandeb is safe.’”

17. Nebraska Supreme Court agrees to speed up oral arguments in Keystone XL pipeline case

Omaha World-Herald (Hammel) reported that “citing a looming 2019 deadline, the developer of the Keystone XL pipeline has requested, and been granted, expedited arguments in a legal effort to block the \$4 billion project.” According to the article, the ruling by the Nebraska Supreme Court on Tuesday “most likely means that oral arguments, barring new motions or scheduling conflicts among attorneys, will be

heard in October in the case pitting landowners, Native American tribes and environmental groups against pipeline developer TransCanada.”

18. OCC head again named to Petroleum Council

Enid News & Eagle (Miller) reported that “Oklahoma Corporation Commissioner Bob Anthony was named again to serve on National Petroleum Council.” According to the article, Sec. Perry “made the invitation to serve.” The article added that Sec. Perry this year “is requesting the council for studies on carbon capture and the oil and natural gas transportation infrastructure in the country.”

19. Colstrip Power Plant shut down to address unsafe pollution emission, scheduled maintenance

Billings Gazette (Lutey) reported that Colstrip Power Plant, “one of the largest electricity generators in the northwestern United States, has been shut down for at least a month because of air pollution problems.” The article indicated that Talen Energy, “which operates the plant, is trying to dispel rumors that newer portions of the four-generator power plant have been permanently shut down after failing to comply with the EPA’s Mercury and Air Toxics Standards.” None of the power plant’s four units, the article noted, “are effectively functioning currently.”

20. Ramaco CEO testifies in Washington D.C.

Wyoming Business Report (Haderlie) reported that the “CEO of a large-scale company in the process of opening what it calls a ‘vertically integrated coal-to-products’ research center in Northeastern Wyoming spoke before the the U.S. House Committee on Natural Resources Tuesday.” Ramaco Carbon, the article explained, “has been working on a research lab and light manufacturing facility called the iCam and iPark projects in Sheridan County near the Kleenburn Recreation Area, just east of the Acme exit off Interstate 90 north, for several years.” According to the article, the “coal-to-products” research center and advanced manufacturing park, “in addition to its coal reserve Brook Mine, will use carbon from coal as a building block for creating products to be used in infrastructure, building products, carbon fibers, automotive and other key industries.” The article indicated that in June, “Ramaco Carbon signed an umbrella cooperative research and development agreement with the U.S. Department of Energy’s National Energy Technology Laboratory (NETL),” noting that it “has also previously entered into a partnership with another national laboratory, the Oak Ridge National Laboratory (ORNL).” Earlier this month, the article detailed, the company “hosted in Sheridan a coal-to-products research conference featuring representatives from NETL, ORNL, the Grossman Group from Massachusetts Institute of Technology, Western Research Institute, and over a dozen universities, industry partners, and other organizations.” But, the article added, “other Wyoming groups have consistently spoken out against the plans, including the Powder River Basin Resource Council.”

Nuclear Energy

21. The first small nuclear modular reactor in the country may be coming soon — and it has early buy-in from more than 20 Utah municipalities

The Salt Lake Tribune (Stevens) reported that “the country’s first small nuclear modular reactor is gaining traction, and it has the support of more than 20 municipalities that own their own power in Utah as they brace for a world without coal production.” According to the article, the Utah Associated Municipal Power Systems (UAMPS), “a consortium of municipally owned power systems in Utah and

several other Western states, has partnered with NuScale Power to study and create the technology.” The article indicated that the “proposed 12-module plant would be at Idaho National Laboratory in Idaho Falls, where it could power Utah’s cities from hundreds of miles away.” In Salt Lake County, the article noted, “Murray has committed \$15,000 so far to the Carbon Free Power Project to explore the new technology, according to Murray Power Manager Blaine Haacke,” specifying that the council “will have to decide whether to recommit funds to studying the project at a meeting next month.” The article added that “UAMPS is funding 25 percent of the project, with the Department of Energy funding half and NuScale covering the rest,” and according to estimates, “construction would begin around 2023.”

22. Nuclear decommissioning panel sends recommendations to Gov. Baker

CapeCod.com reported that the Nuclear Decommissioning Citizens Advisory Panel “issued its 2018 annual report to Governor Charlie Baker regarding the upcoming shut down of the Pilgrim Nuclear Power Station.” The article indicated that Barnstable Town Councilor and panel member John Flores said the “most critical recommendation is creating a working group within the state’s Executive branch to monitor the pre- and post-shutdown process.”

23. Radioactive pollution leaked through floor of SC nuclear fuel plant

The State (Fretwell) reported that “radioactive uranium has leaked through the floor at the Westinghouse fuel factory on Bluff Road, contaminating the soil in an area of Richland County with a nearly 35-year history of groundwater pollution from the plant.” According to the article, the U.S. Nuclear Regulatory Commission “says the uranium, a toxic substance used to make nuclear fuel rods, seeped through a 3-inch hole in a concrete floor in part of the factory where an acid is used.” The article indicated that the “hole extends 6 feet into the ground.” Officials with the S.C. Department of Health and Environmental Control, the article noted, “said they have no reason to believe the uranium has trickled off the site or that public water supplies are threatened.”

24. UAE’s nuclear power plant gets electricity generation license

Gulf Business (Nagraj) reported that the “UAE’s Department of Energy (DoE) has issued an electricity generation licence to Barakah One – the joint venture company that will operate the country’s first nuclear power plant.” According to the article, the license “is a key regulatory requirement before the Barakah nuclear energy plant in Al Dhafra, Abu Dhabi, can start operations.” The article indicated that the “\$24.4bn plant is the world’s largest nuclear project under construction and will be the first in the Arab world when operational.”

Environmental Management/Nuclear Waste Storage

25. S.C. congressman: Yucca Mountain prime location for SRS nuclear material

Aiken Standard (Demarest) reported that “more than a week after returning from Yucca Mountain in Nevada, U.S. Rep. Jeff Duncan doubled down on his support of the mothballed repository, specifically saying nuclear material and waste currently at the Savannah River Site should be moved there.” According to the article, Rep. Duncan said “it’s time to open up Yucca Mountain, and let’s start sending our nuclear waste there.”

Nuclear Weapons/Security

26. Rep. Joaquin Castro to meet with officials regarding plutonium that went missing in S.A.

San Antonio Express-News (Chavey) reported that “following reports last week of plutonium stolen from a vehicle in San Antonio, Congressman Joaquin Castro, D-San Antonio, has announced plans to meet with officials from the Idaho National Laboratory, which owned the missing plutonium, and the National Nuclear Security Administration.” According to the article, it “wasn’t immediately clear who else would be in the meetings.”

27. FSU/PC hosts physics camp

My Panhandle (Taddonio) reported that FSU/PC hosted “a week long physics STEM camp for rising 9th graders.” According to the article, students “received hands-on experience with nuclear medicine and science,” and “throughout the week students learned the basics of a range of physics topics...Including methods to measure radioactivity at different distances.” The article indicated that “it is part of an effort to encourage more American citizens to do nuclear science work in the future.” According to Dr. Paul Cottle, a physics professor at FSU, the article continued, “this summer camp at FSU/PC is an effort to recruit students at a younger age,” highlighting that “this pilot program is the first of its kind and the only one in the country right now.” The article added that “it is currently funded by the National Nuclear Security Administration,” and FSU/PC has funding for it “for about 5 years.”

28. DOE asks court to shut MOX, delay plutonium removal

The Augusta Chronicle (Folker) reported that DOE “has filed related briefs with the Fourth Circuit Court of Appeals asking it to overturn an injunction forbidding the closure of the mixed-oxide fuel project and release it from a promise to remove one metric ton of plutonium from Savannah River Site by 2020.” The article indicated that the “most recent filing, made July 13, asks the court: ‘Whether the district court abused its discretion in requiring the Department of Energy to continue construction of a facility, at an estimated cost of \$1.2 million per day, even though the Secretary of Energy had exercised an express statutory option to halt construction.’”

29. DOE evaluating fresh schedule for Salt Waste Processing Facility project

Aiken Standard (Demarest) reported that DOE “is reviewing a new baseline for the Salt Waste Processing Facility at the Savannah River Site while the contractor simultaneously works to replace hundreds of parts within the facility.” The article indicated that “on Monday, DOE Savannah River Site manager Michael Budney announced Parsons, the SWPF contractor, had earlier submitted a ‘change proposal,’ which is now being scrutinized.”

30. LLNL: Exploring the chemistry of nuclear explosions

Infosurhoy (Subat) reported that Lawrence Livermore National Laboratory scientists “have developed a plasma-flow reactor to experimentally simulate the late cooling of post-detonation fireballs where temperature drops below 10,000 K.” According to the article, they “investigate the formation of nanoparticles from gas phase atoms to unravel the chemical fractionation processes uranium and other chemical elements go through during fireball condensation.” The research, the article noted, “appears in a recent edition of the journal Scientific Reports.” The article added that the researchers “hope to better understand the interconnection between chemical reactions and

micro-physical processes (e.g. nucleation, condensation, growth, etc.) on time scales that are relevant to fallout formation.”

31. Podcast: Supporting multiphysics application development (concerns LANL)

Inside HPC (Brueckner) featured an episode of *Let's Talk Exascale*, in which Computational scientist Ben Bergen of Los Alamos National Laboratory “describes the Advanced Technology Development and Mitigation (ATDM) subprogram’s Flexible Computational Science Infrastructure (FleCSI) project.”

32. Congress demands space-based missile defense weapons and sensors no matter what

The Drive (Trevithick) reported that “based on the existing language in the defense spending bill for the 2018 fiscal year, the lawmakers want to the Missile Defense Agency to come up with a plan to finish development of the space-based weapons to destroy incoming missiles within a decade and potentially start testing a prototype system in 2022, which would be when the sensors are supposed to go online.” According to the article, the “space-based weapons will be ‘regionally focused,’” which means they “will be positioned to respond to threats from only one specific part of the world, such as the area around Iran or North Korea.” The article indicated that they will also “be configured to destroy hostile missiles during their vulnerable boost phase right at the beginning of their flight.” Beyond offering an “additional layer of defense,” the article noted, “any boost phase intercept system also provides an additional deterrent quality, since it threatens to drop portions of the missile right back down on the country that launched it.” The article added that “depending on the missile's payload, this could include radioactive material from a nuclear warhead or chemical or biological agents.”

33. NTI leadership, staff play key role at nuclear materials management conference

Homeland Preparedness News (Clark) reported that Nuclear Threat Initiative (NTI) officials “will be participating in several discussion panels presented at the Institute of Nuclear Materials Management’s (INMM) 59th annual meeting this week in Baltimore, Md.” The article indicated that NTI President Joan Rohlfing “will participate in a panel on the future of the NPT, along with Laura Rockwood of the Vienna Center for Nonproliferation and Disarmament, Brad Roberts of Los Alamos National Laboratory and Will Tobey of the Belfer Center.”

34. North Korea’s ruling party informs officials Kim regime will not give up nukes

Radio Free Asia reported that the “Central Committee of the ruling Workers’ Party has decreed that North Korea will not relinquish its nuclear arsenal, which it termed a ‘precious legacy’ of the country’s late leaders, according to local sources, despite an earlier pledge by party chairman Kim Jong Un to denuclearize the Korean Peninsula.”

35. North Korea continues to produce fissile material for nukes: Secretary of State Pompeo

Military.com (Sisk) reported that North Korea “continues to produce fissile material for nuclear weapons despite leader Kim Jong-un’s commitment to President Donald Trump to ‘denuclearization,’ Secretary of State Mike Pompeo said Wednesday” at a hearing of the Senate Foreign Relations Committee. According to the article, Sec. Pompeo “declined in open session to comment on whether North Korea also was continuing to produce submarine-launched ballistic missiles.”

36. Azerbaijan hints could strike nuclear power plant in Armenia

PanARMENIAN.net reported that the “Azerbaijani Defense Ministry has declared that there are certain targets on the territory of Armenia whose destruction will lead to ‘human extinction for centuries.’” According to the article, the statement “came after Nagorno Karabakh Defense Minister Levon Mnatsakanyan said that the Defense Army will immediately strike the Mingachevir Hydro Power Station in Azerbaijan in the event of necessity.” The article indicated that the Ministry of Defense of Azerbaijan “did not specifically mention the Metsamor nuclear power plant in Armenia, but the NPP is theoretically the only facility whose destruction could lead to ‘human extinction for centuries’ in the area.” However, the article added, “any catastrophe at the plant would endanger not only Armenia, but also Turkey, Iran, Georgia and Azerbaijan.”

Science

37. Ravi Prasher appointed as Berkeley Lab’s associate laboratory director for energy technologies

The Daily California (Geller) reported that Lawrence Berkeley National Laboratory “has announced that energy storage and heat transfer engineer Ravi Prasher will be the lab’s next associate laboratory director for energy technologies.” According to the article, Mr. Prasher “began his work with the lab in 2015 as the director of the Energy Storage and Distributed Resources Division, or ESDR, where he guided research efforts on lowering the energy cost of desalination technology, electrical grid storage and management technology.”

38. Cal alum, longtime Berkeley Lab engineer, dies at 103

Berkeley News (Sanders) reported that “born in an Arkansas shack with a dirt floor in 1914, Bill Baker hopped trains to California during the Depression and sent the money he made working for the Civilian Conservation Corps back to his mother, who saved it and presented it to him in 1936 as partial payment for his education at Cal.” The article indicated that “in 1938, before he finished his degree, Baker was hired by Ernest O. Lawrence as the first electrical engineer in Lawrence’s Radiation Lab, which later flowered into Lawrence Berkeley National Laboratory.” According to the article, he “worked on the Manhattan Project and numerous experiments at Berkeley Lab for 42 years, contributing to discoveries that won several Nobel Prizes for UC Berkeley chemists and physicists.” The author of about 50 patents, the article added, Mr. Baker “once jokingly told the author of a profile in Berkeley Lab’s ‘Currents’ newsletter, ‘I’m always enthusiastic about my ideas, until I discover what’s wrong with them.’”

39. ORNL Director Thomas Zacharia to present community lecture Thursday

Oak Ridge Today reported that Thomas Zacharia, “director of Oak Ridge National Laboratory, will give a community lecture on Thursday.” According to the article, Director Zacharia “will talk about the scientific agenda at ORNL in a presentation titled ‘Science and the State of the Lab.’”

40. Stony Brook wins \$22M to fund energy research

Long Island Business News (Solnik) reported that “Stony Brook University researchers have been approved for nearly \$22 million from the U.S. Department of Energy to develop and expand Energy Frontier Research Centers.” The article indicated that the grants, “designed to accelerate scientific breakthroughs needed to strengthen U.S. economic leadership and energy security, go to one existing and one

new center.”

Climate Change/Global Warming

41. Study links climate change to rise in suicide rate

Newschannel5 (Sandoval) reported that a new study in *Nature Climate Change* “shows a rise in temperature due to climate change is linked to higher rates of suicide.” More specifically, the article noted, “a monthly average temperature increase of 1 degree Celsius was found to have raised suicide rates in the U.S. by 0.7 percent and in Mexican municipalities by 2.1 percent.” By 2050, the article added, researchers say that “unmitigated climate change” could “result in 9,000 to 40,000 additional suicides across the U.S. and Mexico.”

National News

42. POTUS, E.U. announce deal to avert escalation of trade tensions

Washington Post (Paletta, Whalen) reported that the United States and the European Union “stepped back from the brink of an escalating trade war Wednesday, with the unexpected announcement of a process to ease tensions and avoid further tariffs.”

43. Blast outside U.S. embassy in China injures suspect

Reuters (Lee, Daly) reported that “a bomb exploded outside the U.S. embassy in Beijing on Thursday, wounding the lone assailant, the embassy said in a statement, but police described the weapon merely as a ‘firework device.’”

Washington Schedule

Upcoming energy-related events in the Washington, D.C. area

Date	Host	Title
07/26	USEA	<u>Net Power’s 50mwth Demonstration Plant: An Update On The Testing And Development Of A Novel, Emissions-Free Natural Gas Power System</u>
09/05	Young Conservatives for Energy Reform & Christian Coalition	<u>2018 Conservative Clean Energy Summit</u>

From: Yunaska, Kyle
To: McNamee II, Bernard
Subject: FW: (b) (5)
Date: Thursday, July 26, 2018 5:58:09 PM
Attachments: (b) (5)

For awareness:

(b) (5)

(b) (5)

From: Fitzsimmons, Alexander
Sent: Thursday, July 26, 2018 10:56 AM
To: Yunaska, Kyle <Kyle.Yunaska@hq.doe.gov>
Subject: FW: (b) (5)

Are you all looking at this?

From: Tiedeman, Jennifer <Jennifer.Tiedeman@Hq.Doe.Gov>
Date: Thursday, Jul 26, 2018, 9:20 AM
To: Maarbjer, Peder <Peder.Maarbjer@Hq.Doe.Gov>, Dannenfelser, Marty <Marty.Dannenfelser@hq.doe.gov>, Temple, Patricia <Patricia.Temple@Hq.Doe.Gov>, Manning, Matthew <Matthew.Manning@hq.doe.gov>, Tuttle, Robert <Robert.Tuttle@hq.doe.gov>, Oliver, Martha <Martha.Oliver@hq.doe.gov>, Forcier, Bridget <Bridget.Forcier@hq.doe.gov>, Manuel, Allan K. <Allan.Manuel@hq.doe.gov>, TallBear, Jody <Jody.TallBear@Hq.Doe.Gov>, EERE Legislative Affairs <EERELEGAffairs@EE.Doe.Gov>, Capanna, Stephen <Steve.Capanna@EE.Doe.Gov>, Fitzsimmons, Alexander <Alexander.Fitzsimmons@ee.doe.gov>, Jayne, Kevin A. <Kevin.Jayne@ee.doe.gov>, Simmons, Daniel <Daniel.Simmons@ee.doe.gov>, Jones, Dylan <Dylan.Jones@EE.Doe.Gov>, Sutton, Sharon (EIA) <sharon.sutton@eia.gov>, Breed, Patricia (EIA) <patricia.breed@eia.gov>, Nolan, Gregory <Gregory.Nolan@Hq.Doe.Gov>, Rasar, Kimberly <Kimberly.Rasar@hq.doe.gov>, Maddox, Mark <MRMaddox@hq.doe.gov>, James, Sean <Sean.James@hq.doe.gov>, Cline, Faith <Faith.Cline@hq.doe.gov>, Nicoll, Eric <Eric.Nicoll@hq.doe.gov>, Pruitt, Barbara (Stone) <Barbara.Pruitt@hq.doe.gov>, Biggs, Amy <Amy.Biggs@hq.doe.gov>, Kenney, Cecelia <Cecelia.Kenney@hq.doe.gov>, Telleen, Paul <Paul.Telleen@hq.doe.gov>, Buchan, Samuel <Samuel.Buchan@hq.doe.gov>, Storch, Thomas <Thomas.Storch@hq.doe.gov>, Carter, Tony <TONY.CARTER@hq.doe.gov>, NE Correspondence <NECorrespondence@Hq.Doe.Gov>, Miotla, Dennis <Dennis.Miotla@nuclear.energy.gov>, Williams, Bradley <Bradley.Williams@Nuclear.Energy.gov>, Fickel, Louise <Louise.Fickel@Hq.Doe.Gov>, Lyles, Monica <Monica.Lyles@hq.doe.gov>, Perrin, Rusty <Rusty.Perrin@Hq.Doe.Gov>, Rousseaux, Charles <charles.rousseau@HQ.DOE.Gov>, Lushetsky, John <John.Lushetsky@hq.doe.gov>, Cunningham, Sean

<Sean.Cunningham@hq.doe.gov>, Solan, David <David.Solan@hq.doe.gov>, Yunaska, Kyle
<Kyle.Yunaska@hq.doe.gov>, Heullant, Jennifer <Jennifer.Heullant@hq.doe.gov>, Carruthers, Julie
<julie.carruthers@science.doe.gov>, Klausning, Kathleen <kathleen.klausning@science.doe.gov>, Shaw,
Kevin <kevin.shaw@science.doe.gov>, Oliver, Manny <manny.oliver@science.doe.gov>, Seifert, Roger
<reseifert@bpa.gov>, Baskerville, Sonya <slbaskerville@bpa.gov>, Tyer, Katherine (SWPA)
<Tyer@wapa.gov>, Smith, Barbara <smith@wapa.gov>, Campbell, Drew <Drew.Campbell@ee.doe.gov>,
Costner, Brian <Brian.Costner@hq.doe.gov>, Blaustein, Rochelle <Rochelle.Blaustein@hq.doe.gov>,
Armstrong, Chanette <Chanette.Armstrong@hq.doe.gov>, Smith, Chelsea <Chelsea.Smith@Hq.Doe.Gov>,
Tullis, Cathy <Cathy.Tullis@nnsa.doe.gov>, Gonzales Harsha, Marcos
<Marcos.GonzalesHarsha@hq.doe.gov>, Cody, Bill <Bill.Cody@hq.doe.gov>, deForest, Alicia
<Alicia.deForest@hq.doe.gov>, Brown, Michael <Michael.Brown@hq.doe.gov>, McRae, Ben
<Ben.McRae@hq.doe.gov>, Urie, Matthew <Matthew.Urie@hq.doe.gov>, Getz, Tracy M. (GC)
<Tracy.Getz@hq.doe.gov>, Finken, Anne <Anne.Finken@Hq.Doe.Gov>, Pezzullo, Leslie
<Leslie.Pezzullo@ee.doe.gov>, Trznadel, Reesha <Reesha.Trznadel@hq.doe.gov>, Konieczny, Katherine
<Katherine.Konieczny@Hq.Doe.Gov>, Parr, Steven M. <Steven.Parr@hq.doe.gov>, Bolton, Dwayne S.
<Dwayne.Bolton@hq.doe.gov>, McCurdy, Jake <Jake.McCurdy@hq.doe.gov>, Hodges, Joshua
<Joshua.Hodges@nnsa.doe.gov>, McNamee II, Bernard <Bernard.McNamee@hq.doe.gov>, Capoferri,
Anita <Anita.Capoferri@hq.doe.gov>, Reilly, Thomas <Thomas.Reilly@hq.doe.gov>, Grace-Tardy, Ami
<Ami.Grace-Tardy@Hq.Doe.Gov>, Singer, William <William.Singer@ee.doe.gov>, Miller, Sofie
<Sofie.Miller@ee.doe.gov>
Cc: Cohen, Daniel <Daniel.Cohen@hq.doe.gov>, Kohl, Elizabeth <Elizabeth.Kohl@hq.doe.gov>,
Chaudhari, Preeti <Preeti.Chaudhari@hq.doe.gov>, Goshe, Catherine <Catherine.Goshe@hq.doe.gov>, Ro,
Tina <Tina.Ro@Hq.Doe.Gov>
Subject: (b) (5)

Do not distribute this email or any attachments to contractors (including M&O contractor employees) or other non-federal employees or entities. This circulation is for distribution only within DOE and should be further distributed only to those Federal employees with a need to review.

All –

(b) (5)

(b) (5)

Thank you,

Jennifer

*Jennifer Tiedeman
Attorney-Adviser
Office of Legislation, Regulation and Energy Efficiency
Office of the General Counsel
U.S. Department of Energy*

202-287-6111 (direct)

From: Haddad, Zead
To: Habansky, Sarah
Cc: Winberg, Steven; Szymanski, Jessica; Hynes, Shaylyn; Wallwork, Luke; McNamee II, Bernard; Winberg, Steven
Subject: RE: Points for S1
Date: Thursday, July 26, 2018 6:02:11 PM
Attachments: S1 Talkers 072718_zeadedits.docx

Sarah,

Please see attached edits made to this document.

Thank you.

6-6431

From: Habansky, Sarah
Sent: Thursday, July 26, 2018 10:47 AM
To: Haddad, Zead <Zead.Haddad@hq.doe.gov>
Subject: FW: Points for S1

For Houston event

From: Winberg, Steven
Sent: Thursday, July 26, 2018 10:36 AM
To: Szymanski, Jessica <Jessica.Szymanski@hq.doe.gov>
Cc: Habansky, Sarah <Sarah.Habansky@hq.doe.gov>; Hynes, Shaylyn <Shaylyn.Hynes@hq.doe.gov>; Love, Kelly <Kelly.Love@hq.doe.gov>; Wallwork, Luke <Luke.Wallwork@hq.doe.gov>; McNamee II, Bernard <Bernard.McNamee@hq.doe.gov>
Subject: RE: Points for S1

Below and attached are S1 talkers for TX (developed by Bernie McNamee). (b) (5)
(b) (5)

U.S. Energy Exports

July 25, 2018

- (b) (5)
- (b) (5)

- (b) (5)

- (b) (5)

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- (b) (5)

- (b) (5)

Loss of Fuel-Secure Generation

- (b) (5)

- (b) (5)

- (b) (5)

(b) (5)

- (b) (5)

Dependence on Natural Gas Pipelines

- (b) (5)

Cyber threats to the grid

- (b) (5)

- (b) (5)

-----Original Message-----

From: Szymanski, Jessica

Sent: Wednesday, July 25, 2018 5:19 PM

To: Winberg, Steven <Steven.Winberg@hq.doe.gov>

Cc: Habansky, Sarah <Sarah.Habansky@hq.doe.gov>; Hynes, Shaylyn
<Shaylyn.Hynes@hq.doe.gov>; Love, Kelly <Kelly.Love@hq.doe.gov>; Wallwork, Luke
<Luke.Wallwork@hq.doe.gov>

Subject: RE: Points for S1

We already have these points below - if there's anything else we should add please let us know!

- (b) (5)

- (b) (5)

(b) (5)

Thank you!!

Jess

-----Original Message-----

From: Szymanski, Jessica

Sent: Wednesday, July 25, 2018 5:12 PM

To: Winberg, Steven <Steven.Winberg@hq.doe.gov>

Cc: Habansky, Sarah <Sarah.Habansky@hq.doe.gov>; Hynes, Shaylyn <Shaylyn.Hynes@hq.doe.gov>; Love, Kelly <Kelly.Love@hq.doe.gov>; Wallwork, Luke <Luke.Wallwork@hq.doe.gov>

Subject: Points for S1

Hi Steve,

When you get those points together S1 requested in the Houston pre-brief today, would you mind sharing with this group here too? They'd be good to include in his talking points in the book.

Thank you!

Jess << File: S1 Talkers 072718.docx >>

From: [McNamee II, Bernard](#)
To: [McNamee II, Bernard](#)
Subject: FW: Draft S1 Remarks for Rep Katko event next Wednesday
Date: Thursday, July 26, 2018 6:34:23 PM
Attachments: [S1 New York Nuclear Energy August 2018 PA.docx](#)

From: Dannenfelser, Marty
Sent: Thursday, July 26, 2018 3:50 PM
To: McNamee II, Bernard <Bernard.McNamee@hq.doe.gov>
Subject: FW: Draft S1 Remarks for Rep Katko event next Wednesday

Bernie,

Do you have any policy guidance or documents you would like to see provided to S1 for this nuclear-energy related event he is doing in Upstate New York next Wednesday?

Marty

From: Rousseaux, Charles
Sent: Thursday, July 26, 2018 10:12 AM
To: Habansky, Sarah <Sarah.Habansky@hq.doe.gov>; Bolton, Dwayne S. <Dwayne.Bolton@hq.doe.gov>; Dannenfelser, Marty <Marty.Dannenfelser@hq.doe.gov>; Moore, Janelle <Janelle.Moore@hq.doe.gov>
Cc: Liben, Paul <Paul.Liben@hq.doe.gov>; Turenne, William <William.Turenne@hq.doe.gov>; Love, Kelly <Kelly.Love@hq.doe.gov>; Hynes, Shaylyn <Shaylyn.Hynes@hq.doe.gov>; Szymanski, Jessica <Jessica.Szymanski@hq.doe.gov>
Subject: RE: Draft S1 Remarks for Rep Katko event next Wednesday

Sarah,

Here are S1's draft remarks for the event, which have been cleared by our colleagues in NE.

Charles

-----Original Message-----

From: Habansky, Sarah
Sent: Thursday, July 26, 2018 10:03 AM
To: Liben, Paul <Paul.Liben@hq.doe.gov>; Rousseaux, Charles <charles.rousseau@HQ.DOE.Gov>; Bolton, Dwayne S. <Dwayne.Bolton@hq.doe.gov>; Dannenfelser, Marty <Marty.Dannenfelser@hq.doe.gov>
Cc: Moore, Janelle <Janelle.Moore@hq.doe.gov>
Subject: FW: Rep Katko event next Wednesday
Importance: High

All - just re-flagging as this is coming up. We will need his materials to go in his book Monday when he leaves for NYC.

CI- Have you received anything more on this?

-----Original Message-----

From: Habansky, Sarah

Sent: Friday, July 20, 2018 11:53 AM

To: Liben, Paul <Paul.Liben@hq.doe.gov>; Rousseaux, Charles <charles.rousseau@HQ.DOE.Gov>

Cc: Bolton, Dwayne S. <Dwayne.Bolton@hq.doe.gov>; Moore, Janelle <Janelle.Moore@hq.doe.gov>

Subject: FW: Syracuse event

PA - Flagging this to get it on your radar.

-----Original Message-----

From: Gerdes, Stan

Sent: Friday, July 20, 2018 11:29 AM

To: Habansky, Sarah <Sarah.Habansky@hq.doe.gov>

Cc: Bolton, Dwayne S. <Dwayne.Bolton@hq.doe.gov>

Subject: RE: Syracuse event

Attached is the invite...S1 is doing an energy roundtable at the FitzPatrick Nuclear Power Plant on August 1st from 10-11am.

I do not have any additional details for this event yet.

Dwayne -- has Katko's folks sent anything else?

-----Original Message-----

From: Habansky, Sarah

Sent: Friday, July 20, 2018 11:25 AM

To: Gerdes, Stan <Stan.Gerdes@hq.doe.gov>

Subject: Syracuse event

WH was asking if we have info yet on this event. Do you have any details I can share? Thanks

From: Winberg, Steven
To: Daniels, Jarad; Kokkinos, Angelos; Maddox, Mark; Cunningham, Sean; McNamee II, Bernard
Cc: Balash, Peter (NETL); Zelek, Charles
Subject: RE: TASK--(b) (5) Presdecisional
Date: Thursday, July 26, 2018 10:03:17 AM

Bernie and Sean

Apologies for the delay. Somewhere along the line, the FE system broke down.

From: Daniels, Jarad <Jarad.Daniels@hq.doe.gov>
Date: Thursday, Jul 26, 2018, 9:49 AM
To: Winberg, Steven <Steven.Winberg@hq.doe.gov>, Kokkinos, Angelos <Angelos.Kokkinos@hq.doe.gov>, Maddox, Mark <MRMaddox@hq.doe.gov>, Cunningham, Sean <Sean.Cunningham@hq.doe.gov>, McNamee II, Bernard <Bernard.McNamee@hq.doe.gov>
Cc: Balash, Peter (NETL) <peter.balash@netl.doe.gov>, Zelek, Charles <Charles.Zelek@hq.doe.gov>
Subject: RE: TASK--(b) (5) Presdecisional

Hi Bernie,

(b) (5)

Please let me know if you need anything further at the moment.

Best,
Jarad

From: Winberg, Steven
Sent: Wednesday, July 25, 2018 5:27 PM
To: Daniels, Jarad <Jarad.Daniels@hq.doe.gov>
Subject: FW: TASK--(b) (5) Presdecisional

See below.

From: McNamee II, Bernard
Sent: Wednesday, July 25, 2018 2:53 PM
To: Winberg, Steven <Steven.Winberg@hq.doe.gov>; Kokkinos, Angelos <Angelos.Kokkinos@hq.doe.gov>; Maddox, Mark <MRMaddox@hq.doe.gov>
Cc: Cunningham, Sean <Sean.Cunningham@hq.doe.gov>
Subject: RE: TASK--(b) (5) Presdecisional

Steve/Angelos- (b) (5)

Thanks. Bernie

From: Kokkinos, Angelos
Sent: Tuesday, July 03, 2018 1:36 PM

To: McNamee II, Bernard <Bernard.McNamee@hq.doe.gov>
Subject: RE: TASK--(b) (5) Presdecisional

Bernie

(b) (5)

Angelos Kokkinos
Director
Office of Advanced Fossil Technology Systems
Fossil Energy
Department of Energy
Washington, D.C. 20585

P: +1 (202) 287-5979
M: (b) (6)

From: McNamee II, Bernard <Bernard.McNamee@hq.doe.gov>
Date: Tuesday, Jul 03, 2018, 6:00 PM
To: Winberg, Steven <Steven.Winberg@hq.doe.gov>, Maddox, Mark <MRMaddox@hq.doe.gov>, Kokkinos, Angelos <Angelos.Kokkinos@hq.doe.gov>
Cc: Cunningham, Sean <Sean.Cunningham@hq.doe.gov>
Subject: TASK--(b) (5) Presdecisional

Predecisional

Steve/Mark/Angelos- (b) (5)

Thanks. Bernie

Bernard L. McNamee II
Executive Director
Office of Policy
U.S. Department of Energy

From: Winberg, Steven
To: Szymanski, Jessica
Cc: Habansky, Sarah; Hynes, Shavlyn; Love, Kelly; Wallwork, Luke; McNamee II, Bernard
Subject: RE: Points for S1
Date: Thursday, July 26, 2018 10:35:36 AM
Attachments: S1 Talkers 072718.docx

Below and attached are S1 talkers for TX (developed by Bernie McNamee). (b) (5)
(b) (5)

U.S. Energy Exports

July 25, 2018

- (b) (5)
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- (b) (5)

Loss of Fuel-Secure Generation

- (b) (5)

- (b) (5)

- (b) (5)

- (b) (5)

Dependence on Natural Gas Pipelines

- (b) (5)

Cyber threats to the grid

- (b) (5)

- (b) (5)

-----Original Message-----

From: Szymanski, Jessica

Sent: Wednesday, July 25, 2018 5:19 PM

To: Winberg, Steven <Steven.Winberg@hq.doe.gov>
Cc: Habansky, Sarah <Sarah.Habansky@hq.doe.gov>; Hynes, Shaylyn
<Shaylyn.Hynes@hq.doe.gov>; Love, Kelly <Kelly.Love@hq.doe.gov>; Wallwork, Luke
<Luke.Wallwork@hq.doe.gov>
Subject: RE: Points for S1

We already have these points below - if there's anything else we should add please let us know!

(b) (5)

Thank you!!

Jess

-----Original Message-----

From: Szymanski, Jessica

Sent: Wednesday, July 25, 2018 5:12 PM

To: Winberg, Steven <Steven.Winberg@hq.doe.gov>

Cc: Habansky, Sarah <Sarah.Habansky@hq.doe.gov>; Hynes, Shaylyn
<Shaylyn.Hynes@hq.doe.gov>; Love, Kelly <Kelly.Love@hq.doe.gov>; Wallwork, Luke
<Luke.Wallwork@hq.doe.gov>

Subject: Points for S1

Hi Steve,

When you get those points together S1 requested in the Houston pre-brief today, would you mind sharing with this group here too? They'd be good to include in his talking points in the book.

Thank you!

Jess

From: Szymanski, Jessica
To: Winberg, Steven
Cc: Habansky, Sarah; Hynes, Shaylyn; Love, Kelly; Wallwork, Luke; McNamee II, Bernard
Subject: RE: Points for S1
Date: Thursday, July 26, 2018 10:50:47 AM

Thank you very much!!!

From: Winberg, Steven
Sent: Thursday, July 26, 2018 10:36 AM
To: Szymanski, Jessica <Jessica.Szymanski@hq.doe.gov>
Cc: Habansky, Sarah <Sarah.Habansky@hq.doe.gov>; Hynes, Shaylyn <Shaylyn.Hynes@hq.doe.gov>; Love, Kelly <Kelly.Love@hq.doe.gov>; Wallwork, Luke <Luke.Wallwork@hq.doe.gov>; McNamee II, Bernard <Bernard.McNamee@hq.doe.gov>
Subject: RE: Points for S1

Below and attached are S1 talkers for TX (developed by Bernie McNamee). (b) (5)
(b) (5)

U.S. Energy Exports

July 25, 2018

- (b) (5)
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Loss of Fuel-Secure Generation

- (b) (5)

- (b) (5)

- (b) (5)

- (b) (5)

Dependence on Natural Gas Pipelines

- (b) (5)

Cyber threats to the grid

- (b) (5)

(b) (5)

- (b) (5)

-----Original Message-----

From: Szymanski, Jessica

Sent: Wednesday, July 25, 2018 5:19 PM

To: Winberg, Steven <Steven.Winberg@hq.doe.gov>

Cc: Habansky, Sarah <Sarah.Habansky@hq.doe.gov>; Hynes, Shaylyn <Shaylyn.Hynes@hq.doe.gov>; Love, Kelly <Kelly.Love@hq.doe.gov>; Wallwork, Luke <Luke.Wallwork@hq.doe.gov>

Subject: RE: Points for S1

We already have these points below - if there's anything else we should add please let us know!

- (b) (5)

- (b) (5)

Thank you!!

Jess

-----Original Message-----

From: Szymanski, Jessica

Sent: Wednesday, July 25, 2018 5:12 PM

To: Winberg, Steven <Steven.Winberg@hq.doe.gov>

Cc: Habansky, Sarah <Sarah.Habansky@hq.doe.gov>; Hynes, Shaylyn <Shaylyn.Hynes@hq.doe.gov>; Love, Kelly <Kelly.Love@hq.doe.gov>; Wallwork, Luke <Luke.Wallwork@hq.doe.gov>

Subject: Points for S1

Hi Steve,

When you get those points together S1 requested in the Houston pre-brief today, would you mind sharing with this group here too? They'd be good to include in his talking points in the book.

Thank you!

Jess << File: S1 Talkers 072718.docx >>

From: Konieczny, Katherine
To: Cunningham, Sean; McNamee II, Bernard; Fibbe, George
Subject: (b) (5)
Date: Thursday, July 26, 2018 11:00:11 PM
Attachments: (b) (5)

Document 50

PRIVILEGED CONFIDENTIAL

(b) (5)

Thank you,
Kathy

Katherine (Kathy) Konieczny
Assistant General Counsel for Electricity and Fossil Energy
Forrestal 6D-033
(202) 586-0503

From: Dabbar, Paul
To: Brouillette, Dan; Colgary, James; McCormack, Brian; Wilmot, Dan; Gordon-Hagerty, Lisa; Menezes, Mark; McNamee II, Bernard; Varnasidis, Sophia; White, William
Subject: National Security S&T Strategy
Date: Thursday, July 26, 2018 12:04:38 PM

All:

(b) (5)

Paul

Paul M. Dabbar | Under Secretary for Science | U.S. Department of Energy |
James V. Forrestal Building | Department of Energy Headquarters |
1000 Independence Ave, S.W., Washington D.C. 20585 USA |

Scheduler contact: Sabrina Smith | T: +1 202 586 5784 | Sabrina.Smith@em.doe.gov

From: Kontos, Chloe C. (b) (6)

Sent: Tuesday, July 24, 2018 9:27 PM

To: Carrick, Patrick <patrick.carrick@hq.dhs.gov>; 'Ormond, Dale A SES OSD OUSD ATL (US)' <dale.a.ormond.civ@mail.mil>; Binkley, Steve <john.binkley@science.doe.gov>; Stone, Brian <bstone@nsf.gov>; Kundu, Joydip <jkundu@nsf.gov>; 'robert.kadlec@hhs.gov' <robert.kadlec@hhs.gov>; Dabbar, Paul <Paul.Dabbar@hq.doe.gov>; 'Córdova, France' <fcordova@nsf.gov>; Copan, Walter G. (Fed) <walter.copan@nist.gov>; 'william.bryan@hq.dhs.gov' <william.bryan@hq.dhs.gov>; 'Miller, Mary J SES OSD OUSD R&E (US)' <mary.j.miller168.civ@mail.mil>

Cc: Wilmer, Jack W. (b) (6)

Doumont, Nick R. (b) (6)

(b) (6)

; Jacobs, Erik M. (b) (6)

Miles, Aaron R. (b) (6)

Subject: NSTC - National Security S&T Strategy

Good evening,

(b) (5)

(b) (5)

Feel free to reach out to myself or Jack Wilmer with any questions.

Sincerely,

Chloe Kontos
Executive Director
National Science and Technology Council
Office of Science and Technology Policy

From: [McNamee II, Bernard](#)
To: [McNamee II, Bernard](#)
Subject: FW: Draft S1 Remarks for Rep Katko event next Wednesday
Date: Friday, July 27, 2018 5:02:12 PM
Attachments: [S1 New York Nuclear Energy August 2018 PA.docx](#)

From: McNamee II, Bernard
Sent: Thursday, July 26, 2018 6:34 PM
To: McNamee II, Bernard <Bernard.McNamee@hq.doe.gov>
Subject: FW: Draft S1 Remarks for Rep Katko event next Wednesday

From: Dannenfelser, Marty
Sent: Thursday, July 26, 2018 3:50 PM
To: McNamee II, Bernard <Bernard.McNamee@hq.doe.gov>
Subject: FW: Draft S1 Remarks for Rep Katko event next Wednesday

Bernie,

Do you have any policy guidance or documents you would like to see provided to S1 for this nuclear-energy related event he is doing in Upstate New York next Wednesday?

Marty

From: Rousseaux, Charles
Sent: Thursday, July 26, 2018 10:12 AM
To: Habansky, Sarah <Sarah.Habansky@hq.doe.gov>; Bolton, Dwayne S. <Dwayne.Bolton@hq.doe.gov>; Dannenfelser, Marty <Marty.Dannenfelser@hq.doe.gov>; Moore, Janelle <Janelle.Moore@hq.doe.gov>
Cc: Liben, Paul <Paul.Liben@hq.doe.gov>; Turenne, William <William.Turenne@hq.doe.gov>; Love, Kelly <Kelly.Love@hq.doe.gov>; Hynes, Shaylyn <Shaylyn.Hynes@hq.doe.gov>; Szymanski, Jessica <Jessica.Szymanski@hq.doe.gov>
Subject: RE: Draft S1 Remarks for Rep Katko event next Wednesday

Sarah,

Here are S1's draft remarks for the event, which have been cleared by our colleagues in NE.

Charles

-----Original Message-----

From: Habansky, Sarah
Sent: Thursday, July 26, 2018 10:03 AM

To: Liben, Paul <Paul.Liben@hq.doe.gov>; Rousseaux, Charles <charles.rousseaux@HQ.DOE.Gov>; Bolton, Dwayne S. <Dwayne.Bolton@hq.doe.gov>; Dannenfelser, Marty <Marty.Dannenfelser@hq.doe.gov>
Cc: Moore, Janelle <Janelle.Moore@hq.doe.gov>
Subject: FW: Rep Katko event next Wednesday
Importance: High

All - just re-flagging as this is coming up. We will need his materials to go in his book Monday when he leaves for NYC.

CI- Have you received anything more on this?

-----Original Message-----

From: Habansky, Sarah
Sent: Friday, July 20, 2018 11:53 AM
To: Liben, Paul <Paul.Liben@hq.doe.gov>; Rousseaux, Charles <charles.rousseaux@HQ.DOE.Gov>
Cc: Bolton, Dwayne S. <Dwayne.Bolton@hq.doe.gov>; Moore, Janelle <Janelle.Moore@hq.doe.gov>
Subject: FW: Syracuse event

PA - Flagging this to get it on your radar.

-----Original Message-----

From: Gerdes, Stan
Sent: Friday, July 20, 2018 11:29 AM
To: Habansky, Sarah <Sarah.Habansky@hq.doe.gov>
Cc: Bolton, Dwayne S. <Dwayne.Bolton@hq.doe.gov>
Subject: RE: Syracuse event

Attached is the invite...S1 is doing an energy roundtable at the FitzPatrick Nuclear Power Plant on August 1st from 10-11am.

I do not have any additional details for this event yet.

Dwayne -- has Katko's folks sent anything else?

-----Original Message-----

From: Habansky, Sarah
Sent: Friday, July 20, 2018 11:25 AM
To: Gerdes, Stan <Stan.Gerdes@hq.doe.gov>
Subject: Syracuse event

WH was asking if we have info yet on this event. Do you have any details I can share? Thanks

From: McNamee II, Bernard
To: McNamee II, Bernard
Subject: (b) (5)
Date: Friday, July 27, 2018 5:02:30 PM
Attachments: (b) (5)

-----Original Message-----

From: Konieczny, Katherine
Sent: Thursday, July 26, 2018 11:00 PM
To: Cunningham, Sean <Sean.Cunningham@hq.doe.gov>; McNamee II, Bernard
<Bernard.McNamee@hq.doe.gov>; Fibbe, George <George.Fibbe@hq.doe.gov>
Subject: (b) (5)

PRIVILEGED CONFIDENTIAL

(b) (5)

Thank you,
Kathy

Katherine (Kathy) Konieczny
Assistant General Counsel for Electricity and Fossil Energy
Forrestal 6D-033
(202) 586-0503

From: McNamee II, Bernard
To: McNamee II, Bernard
Subject: FW: QFRs: SENR-OP (Oversight of Administration Reorganization and Modernization Proposals, 7/19/2018)
Date: Friday, July 27, 2018 5:02:50 PM
Attachments: 7.19.2018 McNamee OP QFRs.docx
QFRs submitted to Mr. McNamee from the 7-19-18 SENR Cmte Hrg.docx

-----Original Message-----

From: Yunaska, Kyle
Sent: Thursday, July 26, 2018 6:16 PM
To: McNamee II, Bernard <Bernard.McNamee@hq.doe.gov>
Subject: QFRs: SENR-OP (Oversight of Administration Reorganization and Modernization Proposals, 7/19/2018)

Bernie,

Attached are QFRs received from your testimony last week. The first attachment contains QFRs assigned to OP and the second (FYI only) are all QFRs, including those assigned to other offices to draft. I will work with CI and S2's office to work on a preliminary draft. We have been given an internal due date of August 7th to get these back to CI.

Kyle R. Yunaska
Senior Advisor and Chief of Staff
U.S. Department of Energy, Office of Policy

From: McNamee II, Bernard
To: McNamee II, Bernard
Subject: FW: (b) (5)

Date: Friday, July 27, 2018 5:03:19 PM
Attachments: (b) (5)

From: Yunaska, Kyle
Sent: Thursday, July 26, 2018 5:58 PM
To: McNamee II, Bernard <Bernard.McNamee@hq.doe.gov>
Subject: FW: (b) (5)

For awareness:

(b) (5)

(b) (5)

From: Fitzsimmons, Alexander
Sent: Thursday, July 26, 2018 10:56 AM
To: Yunaska, Kyle <Kyle.Yunaska@hq.doe.gov>
Subject: FW: (b) (5)

Are you all looking at this?

From: Tiedeman, Jennifer <Jennifer.Tiedeman@Hq.Doe.Gov>
Date: Thursday, Jul 26, 2018, 9:20 AM
To: Maarbjerg, Peder <Peder.Maarbjerg@Hq.Doe.Gov>, Dannenfelser, Marty <Marty.Dannenfelser@hq.doe.gov>, Temple, Patricia <Patricia.Temple@Hq.Doe.Gov>, Manning, Matthew <Matthew.Manning@hq.doe.gov>, Tuttle, Robert <Robert.Tuttle@hq.doe.gov>, Oliver, Martha <Martha.Oliver@hq.doe.gov>, Forcier, Bridget <Bridget.Forcier@hq.doe.gov>, Manuel, Allan K. <Allan.Manuel@hq.doe.gov>, TallBear, Jody <Jody.TallBear@Hq.Doe.Gov>, EERE Legislative Affairs <EERELEGAffairs@EE.Doe.Gov>, Capanna, Stephen <Steve.Capanna@EE.Doe.Gov>, Fitzsimmons, Alexander <Alexander.Fitzsimmons@ee.doe.gov>, Jayne, Kevin A. <Kevin.Jayne@ee.doe.gov>, Simmons, Daniel <Daniel.Simmons@ee.doe.gov>, Jones, Dylan <Dylan.Jones@EE.Doe.Gov>, Sutton, Sharon (EIA) <sharon.sutton@eia.gov>, Breed, Patricia (EIA) <patricia.breed@eia.gov>, Nolan, Gregory <Gregory.Nolan@Hq.Doe.Gov>, Rasar, Kimberly <Kimberly.Rasar@hq.doe.gov>, Maddox, Mark

<MRMaddox@hq.doe.gov>, James, Sean <Sean.James@hq.doe.gov>, Cline, Faith
<Faith.Cline@hq.doe.gov>, Nicoll, Eric <Eric.Nicoll@hq.doe.gov>, Pruitt, Barbara (Stone)
<Barbara.Pruitt@hq.doe.gov>, Biggs, Amy <Amy.Biggs@hq.doe.gov>, Kenney, Cecelia
<Cecelia.Kenney@hq.doe.gov>, Telleen, Paul <Paul.Telleen@hq.doe.gov>, Buchan, Samuel
<Samuel.Buchan@hq.doe.gov>, Storch, Thomas <Thomas.Storch@hq.doe.gov>, Carter, Tony
<TONY.CARTER@hq.doe.gov>, NE Correspondence <NECorrespondence@Hq.Doe.Gov>, Miotla,
Dennis <Dennis.Miotla@nuclear.energy.gov>, Williams, Bradley
<Bradley.Williams@Nuclear.Energy.gov>, Fickel, Louise <Louise.Fickel@Hq.Doe.Gov>, Lyles, Monica
<Monica.Lyles@hq.doe.gov>, Perrin, Rusty <Rusty.Perrin@Hq.Doe.Gov>, Rousseaux, Charles
<charles.rousseau@HQ.DOE.Gov>, Lushetsky, John <John.Lushetsky@hq.doe.gov>, Cunningham, Sean
<Sean.Cunningham@hq.doe.gov>, Solan, David <David.Solan@hq.doe.gov>, Yunaska, Kyle
<Kyle.Yunaska@hq.doe.gov>, Heullant, Jennifer <Jennifer.Heullant@hq.doe.gov>, Carruthers, Julie
<julie.carruthers@science.doe.gov>, Klausning, Kathleen <kathleen.klausning@science.doe.gov>, Shaw,
Kevin <kevin.shaw@science.doe.gov>, Oliver, Manny <manny.oliver@science.doe.gov>, Seifert, Roger
<reseifert@bpa.gov>, Baskerville, Sonya <slbaskerville@bpa.gov>, Tyler, Katherine (SWPA)
<Tyler@wapa.gov>, Smith, Barbara <smith@wapa.gov>, Campbell, Drew <Drew.Campbell@ee.doe.gov>,
Costner, Brian <Brian.Costner@hq.doe.gov>, Blaustein, Rochelle <Rochelle.Blaustein@hq.doe.gov>,
Armstrong, Chanette <Chanette.Armstrong@hq.doe.gov>, Smith, Chelsea <Chelsea.Smith@Hq.Doe.Gov>,
Tullis, Cathy <Cathy.Tullis@nnsa.doe.gov>, Gonzales Harsha, Marcos
<Marcos.GonzalesHarsha@hq.doe.gov>, Cody, Bill <Bill.Cody@hq.doe.gov>, deForest, Alicia
<Alicia.deForest@hq.doe.gov>, Brown, Michael <Michael.Brown@hq.doe.gov>, McRae, Ben
<Ben.McRae@hq.doe.gov>, Urie, Matthew <Matthew.Urie@hq.doe.gov>, Getz, Tracy M. (GC)
<Tracy.Getz@hq.doe.gov>, Finken, Anne <Anne.Finken@Hq.Doe.Gov>, Pezzullo, Leslie
<Leslie.Pezzullo@ee.doe.gov>, Trznadel, Reesha <Reesha.Trznadel@hq.doe.gov>, Konieczny, Katherine
<Katherine.Konieczny@Hq.Doe.Gov>, Parr, Steven M. <Steven.Parr@hq.doe.gov>, Bolton, Dwayne S.
<Dwayne.Bolton@hq.doe.gov>, McCurdy, Jake <Jake.McCurdy@hq.doe.gov>, Hodges, Joshua
<Joshua.Hodges@nnsa.doe.gov>, McNamee II, Bernard <Bernard.McNamee@hq.doe.gov>, Capoferri,
Anita <Anita.Capoferri@hq.doe.gov>, Reilly, Thomas <Thomas.Reilly@hq.doe.gov>, Grace-Tardy, Ami
<Ami.Grace-Tardy@Hq.Doe.Gov>, Singer, William <William.Singer@ee.doe.gov>, Miller, Sofie
<Sofie.Miller@ee.doe.gov>
Cc: Cohen, Daniel <Daniel.Cohen@hq.doe.gov>, Kohl, Elizabeth <Elizabeth.Kohl@hq.doe.gov>,
Chaudhari, Preeti <Preeti.Chaudhari@hq.doe.gov>, Goshe, Catherine <Catherine.Goshe@hq.doe.gov>, Ro,
Tina <Tina.Ro@Hq.Doe.Gov>
Subject: (b) (5)

Do not distribute this email or any attachments to contractors (including M&O contractor employees) or other non-federal employees or entities. This circulation is for distribution only within DOE and should be further distributed only to those Federal employees with a need to review.

All --

(b) (5)

(b) (5)

Thank you,

Jennifer

*Jennifer Tiedeman
Attorney-Adviser
Office of Legislation, Regulation and Energy Efficiency
Office of the General Counsel
U.S. Department of Energy
202-287-6111 (direct)*

From: Konieczny, Katherine
To: Cunningham, Sean; McNamee II, Bernard; Fibbe, George
Subject: (b) (5)
Date: Friday, July 27, 2018 10:58:19 PM
Attachments: (b) (5)

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(b) (5)

3209.pdf, (b) (5)

[https://www.gpo.gov/fdsys/pkg/FR-2011-02-15/pdf/2011-](https://www.gpo.gov/fdsys/pkg/FR-2011-02-15/pdf/2011-3209.pdf)

(b) (5)

Thank you,
Kathy

-----Original Message-----

From: Konieczny, Katherine
Sent: Thursday, July 26, 2018 11:00 PM
To: Cunningham, Sean <Sean.Cunningham@hq.doe.gov>; McNamee II, Bernard <Bernard.McNamee@hq.doe.gov>; Fibbe, George <George.Fibbe@hq.doe.gov>
Subject: (b) (5)

PRIVILEGED CONFIDENTIAL

(b) (5)

Thank you,
Kathy

Katherine (Kathy) Konieczny
Assistant General Counsel for Electricity and Fossil Energy
Forrestal 6D-033
(202) 586-0503

From: Balash, Peter C.
To: Kokkinos, Angelos; Cunningham, Sean; McNamee II, Bernard; Winberg, Steven; Maddox, Mark
Cc: Daniels, Jarad; Gerdes, Kristin (NETL); Hrkman, Lou
Subject: RE: TASK--(b) (5) Presdecisional
Date: Friday, July 27, 2018 12:31:56 PM

(b)
(5)

Peter

From: Kokkinos, Angelos [mailto:Angelos.Kokkinos@hq.doe.gov]
Sent: Friday, July 27, 2018 11:20 AM
To: Cunningham, Sean <Sean.Cunningham@hq.doe.gov>; McNamee II, Bernard <Bernard.McNamee@hq.doe.gov>; Winberg, Steven <Steven.Winberg@hq.doe.gov>; Maddox, Mark Nmn <mrmaddox@hq.doe.gov>
Cc: Daniels, Jarad <jarad.daniels@hq.doe.gov>; Gerdes, Kristin J. <Kristin.Gerdes@NETL.DOE.GOV>; Balash, Peter C. <Peter.Balash@NETL.DOE.GOV>; Hrkman, Lou <Lou.Hrkman@hq.doe.gov>
Subject: RE: TASK--(b) (5) Presdecisional

(b) (5)

Angelos Kokkinos
Director
Office of Advanced Fossil Technology Systems
Fossil Energy
Department of Energy
Washington, D.C. 20585

P: +1 (202) 287-5979
M: (b) (6)

From: Cunningham, Sean <Sean.Cunningham@hq.doe.gov>
Date: Friday, Jul 27, 2018, 11:19 AM
To: Kokkinos, Angelos <Angelos.Kokkinos@hq.doe.gov>; McNamee II, Bernard <Bernard.McNamee@hq.doe.gov>; Winberg, Steven <Steven.Winberg@hq.doe.gov>; Maddox, Mark <MRMaddox@hq.doe.gov>
Cc: Daniels, Jarad <Jarad.Daniels@hq.doe.gov>; Gerdes, Kristin (NETL) <kristin.gerdes@netl.doe.gov>; Balash, Peter (NETL) <peter.balash@netl.doe.gov>; Hrkman, Lou <Lou.Hrkman@hq.doe.gov>
Subject: RE: TASK--(b) (5) Presdecisional

Pre-Decisional

(b) (5)

(b) (5)

Sean

From: Kokkinos, Angelos
Sent: Thursday, July 26, 2018 8:00 AM
To: McNamee II, Bernard <Bernard.McNamee@hq.doe.gov>; Winberg, Steven <Steven.Winberg@hq.doe.gov>; Maddox, Mark <MRMaddox@hq.doe.gov>
Cc: Cunningham, Sean <Sean.Cunningham@hq.doe.gov>; Daniels, Jarad <Jarad.Daniels@hq.doe.gov>; Gerdes, Kristin (NETL) <kristin.gerdes@netl.doe.gov>; Balash, Peter (NETL) <peter.balash@netl.doe.gov>; Hrkman, Lou <Lou.Hrkman@hq.doe.gov>
Subject: RE: TASK--(b) (5) Presdecisional

Bernie:

Sorry for the delay. (b) (5)

Angelos

From: McNamee II, Bernard
Sent: Wednesday, July 25, 2018 2:53 PM
To: Winberg, Steven <Steven.Winberg@hq.doe.gov>; Kokkinos, Angelos <Angelos.Kokkinos@hq.doe.gov>; Maddox, Mark <MRMaddox@hq.doe.gov>
Cc: Cunningham, Sean <Sean.Cunningham@hq.doe.gov>
Subject: RE: TASK--(b) (5) Presdecisional

Steve/Angelos-(b) (5)

Thanks. Bernie

From: Kokkinos, Angelos
Sent: Tuesday, July 03, 2018 1:36 PM
To: McNamee II, Bernard <Bernard.McNamee@hq.doe.gov>
Subject: RE: TASK--(b) (5) Presdecisional

Bernie

We are getting together on Thursday. I am out of the country, will call in, but Jarad and the NETL team are working on it.

Angelos Kokkinos
Director
Office of Advanced Fossil Technology Systems
Fossil Energy
Department of Energy
Washington, D.C. 20585

P: +1 (202) 287-5979
M: (b) (6)

From: McNamee II, Bernard <Bernard.McNamee@hq.doe.gov>
Date: Tuesday, Jul 03, 2018, 6:00 PM
To: Winberg, Steven <Steven.Winberg@hq.doe.gov>, Maddox, Mark <MRMaddox@hq.doe.gov>, Kokkinos, Angelos <Angelos.Kokkinos@hq.doe.gov>
Cc: Cunningham, Sean <Sean.Cunningham@hq.doe.gov>
Subject: TASK--(b) (5) Presdecisional

Predecisional

Steve/Mark/Angelos- (b) (5)

Thanks. Bernie

Bernard L. McNamee II
Executive Director
Office of Policy
U.S. Department of Energy

From: Dannenfelser, Marty
To: McNamee II, Bernard
Subject: RE: Draft S1 Remarks for Rep Katko event next Wednesday
Date: Saturday, July 28, 2018 4:01:24 PM

Thanks, Bernie. I'll forward your edits. (b) (5)

From: McNamee II, Bernard <Bernard.McNamee@hq.doe.gov>
Date: Saturday, Jul 28, 2018, 2:14 PM
To: Dannenfelser, Marty <Marty.Dannenfelser@hq.doe.gov>
Subject: RE: Draft S1 Remarks for Rep Katko event next Wednesday

Marty--Attached are some edits to the speech in track changes. Please forward to the appropriate person. (b) (5) . Have you checked with NE? Thanks. Bernie

From: Dannenfelser, Marty
Sent: Thursday, July 26, 2018 3:50 PM
To: McNamee II, Bernard <Bernard.McNamee@hq.doe.gov>
Subject: FW: Draft S1 Remarks for Rep Katko event next Wednesday

Bernie,

Do you have any policy guidance or documents you would like to see provided to S1 for this nuclear-energy related event he is doing in Upstate New York next Wednesday?

Marty

From: Rousseaux, Charles
Sent: Thursday, July 26, 2018 10:12 AM
To: Habansky, Sarah <Sarah.Habansky@hq.doe.gov>; Bolton, Dwayne S. <Dwayne.Bolton@hq.doe.gov>; Dannenfelser, Marty <Marty.Dannenfelser@hq.doe.gov>; Moore, Janelle <Janelle.Moore@hq.doe.gov>
Cc: Liben, Paul <Paul.Liben@hq.doe.gov>; Turenne, William <William.Turenne@hq.doe.gov>; Love, Kelly <Kelly.Love@hq.doe.gov>; Hynes, Shaylyn <Shaylyn.Hynes@hq.doe.gov>; Szymanski, Jessica <jessica.Szymanski@hq.doe.gov>
Subject: RE: Draft S1 Remarks for Rep Katko event next Wednesday

Sarah,

Here are S1's draft remarks for the event, which have been cleared by our colleagues in NE.

Charles

-----Original Message-----

From: Habansky, Sarah
Sent: Thursday, July 26, 2018 10:03 AM
To: Liben, Paul <Paul.Liben@hq.doe.gov>; Rousseaux, Charles <charles.rousseaux@HQ.DOE.Gov>; Bolton, Dwayne S. <Dwayne.Bolton@hq.doe.gov>; Dannenfelser, Marty <Marty.Dannenfelser@hq.doe.gov>
Cc: Moore, Janelle <Janelle.Moore@hq.doe.gov>
Subject: FW: Rep Katko event next Wednesday
Importance: High

All - just re-flagging as this is coming up. We will need his materials to go in his book Monday when he leaves for NYC.

CI- Have you received anything more on this?

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From: Habansky, Sarah
Sent: Friday, July 20, 2018 11:53 AM
To: Liben, Paul <Paul.Liben@hq.doe.gov>; Rousseaux, Charles <charles.rousseaux@HQ.DOE.Gov>
Cc: Bolton, Dwayne S. <Dwayne.Bolton@hq.doe.gov>; Moore, Janelle <Janelle.Moore@hq.doe.gov>
Subject: FW: Syracuse event

PA - Flagging this to get it on your radar.

-----Original Message-----

From: Gerdes, Stan
Sent: Friday, July 20, 2018 11:29 AM
To: Habansky, Sarah <Sarah.Habansky@hq.doe.gov>
Cc: Bolton, Dwayne S. <Dwayne.Bolton@hq.doe.gov>
Subject: RE: Syracuse event

Attached is the invite...S1 is doing an energy roundtable at the FitzPatrick Nuclear Power Plant on August 1st from 10-11am.

I do not have any additional details for this event yet.

Dwayne -- has Katko's folks sent anything else?

-----Original Message-----

From: Habansky, Sarah
Sent: Friday, July 20, 2018 11:25 AM
To: Gerdes, Stan <Stan.Gerdes@hq.doe.gov>
Subject: Syracuse event

WH was asking if we have info yet on this event. Do you have any details I can share?
Thanks

Document 59

From: Smith, Wayne D
To: Garrish, Theodore; Fibbe, George; McNamee II, Bernard; Turenne, William; Hynes, Shaylyn; Campos, James E.
Cc: McCormack, Brian; Wilmot, Dan; Colgary, James
Subject: FW: FOR REVIEW: WH Factsheet (b) (5)
Date: Sunday, July 29, 2018 4:26:02 PM
Attachments: WH Fact Sheet(b) (5)

Incoming tasking from WH. Pls provide comments or clear as soon as practical but no later than 0730, Monday 30 July.

V/r,
Wayne D.

(b) (5)

From: Hynes, Shaylyn
To: Menezes, Mark; Walker, Bruce
Cc: Varnasidis, Sophia; Lotto, Adrienne; McCormack, Brian; Wilmot, Dan; Love, Kelly; Cunningham, Sean; McNamee II, Bernard
Subject: RE: heads up on on more thing for this story with Swan
Date: Sunday, July 29, 2018 6:54:51 PM

Thanks! (b) (5)

I will send around the article when it comes out.

From: Menezes, Mark
Sent: Sunday, July 29, 2018 5:23 PM
To: Hynes, Shaylyn <Shaylyn.Hynes@hq.doe.gov>; Walker, Bruce <Bruce.Walker@hq.doe.gov>
Cc: Varnasidis, Sophia <Sophia.Varnasidis@hq.doe.gov>; Lotto, Adrienne <Adrienne.Lotto@hq.doe.gov>; McCormack, Brian <Brian.Mccormack@hq.doe.gov>; Wilmot, Dan <Dan.Wilmot@hq.doe.gov>; Love, Kelly <Kelly.Love@hq.doe.gov>; Cunningham, Sean <Sean.Cunningham@hq.doe.gov>; McNamee II, Bernard <Bernard.McNamee@hq.doe.gov>
Subject: RE: heads up on on more thing for this story with Swan

(b) (5)

Copying Sean and Bernie for their comment too.

From: Hynes, Shaylyn <Shaylyn.Hynes@hq.doe.gov>
Date: Sunday, Jul 29, 2018, 2:49 PM
To: Menezes, Mark <Mark.Menezes@hq.doe.gov>; Walker, Bruce <Bruce.Walker@hq.doe.gov>
Cc: Varnasidis, Sophia <Sophia.Varnasidis@hq.doe.gov>; Lotto, Adrienne <Adrienne.Lotto@hq.doe.gov>; McCormack, Brian <Brian.Mccormack@hq.doe.gov>; Wilmot, Dan <Dan.Wilmot@hq.doe.gov>; Love, Kelly <Kelly.Love@hq.doe.gov>
Subject: FW: heads up on on more thing for this story with Swan

Flagging the upcoming story below for this group as well.

(b) (5)

(b) (5)

(b) (5)

(b) (5)

(b) (5)

(b) (5)

Thanks!
Shaylyn

From: Amy Harder [<mailto:amy@axios.com>]
Sent: Sunday, July 29, 2018 1:38 PM
To: Hynes, Shaylyn <Shaylyn.Hynes@hq.doe.gov>
Subject: Re: heads up on on more thing for this story with Swan

Thanks, this piece is squarely about Trump, but I'll try my best to work this in there.

On Jul 29, 2018, at 1:28 PM, Hynes, Shaylyn <Shaylyn.Hynes@hq.doe.gov> wrote:

I would also add on background that the Secretary has travelled around the country to see hydro efforts first hand including to Alaska's Kodiak region (<https://www.energy.senate.gov/public/index.cfm/republican-news?ID=514B7A02-BE51-4963-A50F-6BEA3392CBA9>

& the McNary Dam in Washington State... (<https://www.tricityherald.com/news/local/article205436519.html>)

From: Hynes, Shaylyn
Sent: Sunday, July 29, 2018 1:09 PM
To: 'Amy Harder' <amy@axios.com>
Subject: RE: heads up on on more thing for this story with Swan

Hi Amy, Below is some background information on some of our Hydro & Wind efforts at DOE under this Administration. Let me know if you need anything else, thanks!

Our Water Power Technologies Office keeps a list of all updates, including new funding, new reports, and conferences:

<https://www.energy.gov/eere/water/water-power-technologies-office>

In April we released a Hydropower Market report:

<https://www.energy.gov/eere/water/downloads/2017-hydropower-market-report>

In June we issued a notice of intent to fund innovative, modular hydro R&D. That will be several million dollars: <https://www.energy.gov/eere/water/articles/notice-intent-innovative-design-concepts-standard-modular-hydropower-and-pumped>

Also in June we announced over \$6 million in selections for marine hydrokinetic R&D: <https://www.energy.gov/eere/articles/energy-department-selects-six-awardees-67-million-marine-energy-funding>

In May we announced \$23 million in new marine energy funding:

<https://www.energy.gov/articles/undersecretary-energy-menezes-announces-23-million-new-funding-advance-marine-energy>

In May we issued hydro funding under the SBIR program:

<https://www.energy.gov/eere/water/articles/wpto-selects-four-projects-phase-i-sbir-and-sttr-funding>

Northern Pass: <https://www.energy.gov/articles/department-energy-approves-presidential-permit-northern-pass-transmission-line-project>

S3's December testimony:

https://www.energy.senate.gov/public/index.cfm/files/serve?File_id=396B1CF7-F6BE-4D4D-9086-5A8F980E6935

“Hydropower has significant capabilities to support economic competitiveness and electricity system reliability by providing low-cost, flexible generation. The recent Staff Report to the Secretary on Electricity Markets and Reliability found that while some hydropower plants are operated as baseload resources, many also support the dynamic behavior of grid operations by providing a full range of ancillary services. This flexibility has historically complemented other traditional forms of baseload generation, such as coal and nuclear. DOE appreciates the goal S. 1336 attempts to achieve. Hydropower furthers goals of economic competitiveness and electricity system reliability, and it appears this bill incentivizes both hydropower generation and efficiency upgrades.”

In June we announced an \$18.5 million offshore wind consortium:

<https://www.energy.gov/eere/wind/articles/department-energy-announces-185->

million-offshore-wind-research

Collegiate wind competition with DOE and AWEA:

<https://www.energy.gov/articles/california-state-university-maritime-academy-blows-away-competition-3rd-biennial-collegiate>

From: Amy Harder [<mailto:amy@axios.com>]

Sent: Sunday, July 29, 2018 12:33 PM

To: Hynes, Shaylyn <Shaylyn.Hynes@hq.doe.gov>

Subject: Re: heads up on on more thing for this story with Swan

Thanks, though the White House could do more publicly to support these bills, per the hydro association.

Nope I think we covered it all on the phone. The story covers Trump's inconsistencies on wind and deregulation (moving to deregulate yet backing a huge government intervention in electricity markets).

Thanks again Shaylyn. Is there an Interior official you could connect me to by email?

Amy

On Jul 29, 2018, at 11:28 AM, Hynes, Shaylyn <Shaylyn.Hynes@hq.doe.gov> wrote:

Off the record-

That may be because DOE can't advocate for specific pieces of legislation. We can advocate for or speak to supporting general efforts and issues but we can't come out and say "I support xyz piece of legislation."

Checking on the other item. Is there anything else other than hydro and coal/nuclear we can respond to? :)

From: Amy Harder <amy@axios.com>

Date: Sunday, Jul 29, 2018, 11:17 AM

To: Hynes, Shaylyn <Shaylyn.Hynes@hq.doe.gov>

Subject: Re: heads up on on more thing for this story with Swan

Thanks for your quick response. 4pm, as of now we may mention instead that the administration hasn't publicly supported two bills that would speed up the federal licensing process: H.R.3043 & S.1460. Per what the hydropower group told me.

Amy

On Sun, Jul 29, 2018 at 11:10 AM, Hynes, Shaylyn
<Shaylyn.Hynes@hq.doe.gov> wrote:

Yes. What time is your deadline? I need to connect with our program folks. We have done a lot in this space

From: Amy Harder <amy@axios.com>

Date: Sunday, Jul 29, 2018, 11:02 AM

To: Hynes, Shaylyn <Shaylyn.Hynes@hq.doe.gov>

Subject: heads up on on more thing for this story with Swan

Hi Shaylyn, sorry for the Sunday email, but this just came up. In the story with my colleague Jonathan, we're talking about how Trump loves hydropower but hasn't done much to actually promote. For instance, this [Energy Department website](#) detailing its actions in this area shows no progress since Obama.

Do you have any comment about that? I've reached out to the hydropower association as well. Thanks!

Amy
(b) (6)

From: Smith, Wayne D
To: McNamee II, Bernard; Turenne, William; Garrish, Theodore; Fibbe, George; Hynes, Shaylyn; Campos, James E.
Cc: McCormack, Brian; Wilmot, Dan; Colgary, James
Subject: RE: FOR REVIEW: WH Factsheet (b) (5)
Date: Sunday, July 29, 2018 7:00:22 PM

OP Clear. Thanks Bernie.

From: McNamee II, Bernard <Bernard.McNamee@hq.doe.gov>
Date: Sunday, Jul 29, 2018, 5:10 PM
To: Smith, Wayne D <Wayne.Smith@hq.doe.gov>, Turenne, William <William.Turenne@hq.doe.gov>, Garrish, Theodore <Theodore.Garrish@hq.doe.gov>, Fibbe, George <George.Fibbe@hq.doe.gov>, Hynes, Shaylyn <Shaylyn.Hynes@hq.doe.gov>, Campos, James E. <James.Campos@hq.doe.gov>
Cc: McCormack, Brian <Brian.Mccormack@hq.doe.gov>, Wilmot, Dan <Dan.Wilmot@hq.doe.gov>, Colgary, James <James.Colgary@hq.doe.gov>
Subject: RE: FOR REVIEW: WH Factsheet (b) (5)

No edits from OP. Thanks. Bernie

From: Smith, Wayne D <Wayne.Smith@hq.doe.gov>
Date: Sunday, Jul 29, 2018, 4:57 PM
To: Turenne, William <William.Turenne@hq.doe.gov>, Garrish, Theodore <Theodore.Garrish@hq.doe.gov>, Fibbe, George <George.Fibbe@hq.doe.gov>, McNamee II, Bernard <Bernard.McNamee@hq.doe.gov>, Hynes, Shaylyn <Shaylyn.Hynes@hq.doe.gov>, Campos, James E. <James.Campos@hq.doe.gov>
Cc: McCormack, Brian <Brian.Mccormack@hq.doe.gov>, Wilmot, Dan <Dan.Wilmot@hq.doe.gov>, Colgary, James <James.Colgary@hq.doe.gov>
Subject: RE: FOR REVIEW: WH Factsheet (b) (5)

Copy. PA is clear.

Many thanks,
Wayne D.

From: Turenne, William <William.Turenne@hq.doe.gov>
Date: Sunday, Jul 29, 2018, 4:54 PM
To: Smith, Wayne D <Wayne.Smith@hq.doe.gov>, Garrish, Theodore <Theodore.Garrish@hq.doe.gov>, Fibbe, George <George.Fibbe@hq.doe.gov>, McNamee II, Bernard <Bernard.McNamee@hq.doe.gov>, Hynes, Shaylyn <Shaylyn.Hynes@hq.doe.gov>, Campos, James E. <James.Campos@hq.doe.gov>
Cc: McCormack, Brian <Brian.Mccormack@hq.doe.gov>, Wilmot, Dan <Dan.Wilmot@hq.doe.gov>, Colgary, James <James.Colgary@hq.doe.gov>
Subject: RE: FOR REVIEW: WH Factsheet (b) (5)

PA clears.

From: Smith, Wayne D <Wayne.Smith@hq.doe.gov>

Date: Sunday, Jul 29, 2018, 4:26 PM

To: Garrish, Theodore <Theodore.Garrish@hq.doe.gov>, Fibbe, George <George.Fibbe@hq.doe.gov>, McNamee II, Bernard <Bernard.McNamee@hq.doe.gov>, Turenne, William <William.Turenne@hq.doe.gov>, Hynes, Shaylyn <Shaylyn.Hynes@hq.doe.gov>, Campos, James E. <James.Campos@hq.doe.gov>

Cc: McCormack, Brian <Brian.Mccormack@hq.doe.gov>, Wilmot, Dan <Dan.Wilmot@hq.doe.gov>, Colgary, James <James.Colgary@hq.doe.gov>

Subject: FW: FOR REVIEW: WH Factsheet (b) (5)

Incoming tasking from WH. Pls provide comments or clear as soon as practical but no later than 0730, Monday 30 July.

V/r,
Wayne D.

(b) (5)

(b) (5)

From: Yunaska, Kyle
To: McNamee II, Bernard
Subject: RE: *for s1- time sensitive request*
Date: Monday, July 30, 2018 4:19:54 PM

Will do

From: McNamee II, Bernard <Bernard.McNamee@hq.doe.gov>
Date: Monday, Jul 30, 2018, 4:19 PM
To: Yunaska, Kyle <Kyle.Yunaska@hq.doe.gov>
Subject: RE: *for s1- time sensitive request*

Great. (b) (5)

From: Yunaska, Kyle
Sent: Monday, July 30, 2018 4:13 PM
To: McNamee II, Bernard <Bernard.McNamee@hq.doe.gov>
Subject: FW: *for s1- time sensitive request*
Importance: High

Bernie,

I can talk to Powell and Eric S. to see if any specific information is available.

From: Hynes, Shaylyn <Shaylyn.Hynes@hq.doe.gov>
Date: Monday, Jul 30, 2018, 4:07 PM
To: McNamee II, Bernard <Bernard.McNamee@hq.doe.gov>
Cc: Love, Kelly <Kelly.Love@hq.doe.gov>, Yunaska, Kyle <Kyle.Yunaska@hq.doe.gov>, Szymanski, Jessica <Jessica.Szymanski@hq.doe.gov>
Subject: *for s1- time sensitive request*

Bernie- s1 will be doing fox and friends tomorrow morning, and (b) (5)

Do you have information we can point to?

From: Smith, Wayne D
To: Campos, James E.; Garrish, Theodore; Fibbe, George; McNamee II, Bernard; Turenne, William; Hynes, Shaylyn
Cc: McCormack, Brian; Wilmot, Dan; Colgary, James
Subject: RE: FOR REVIEW: WH Factsheet (b) (5)
Date: Monday, July 30, 2018 9:06:03 AM

Copy.

Wayne D. Smith | Director
Office of the Executive Secretariat
U.S. Department of Energy | wayne.smith@hq.doe.gov
(202) 586-6207 | (b) (6) (mobile)

From: Campos, James E.
Sent: Monday, July 30, 2018 9:05 AM
To: Smith, Wayne D <Wayne.Smith@hq.doe.gov>; Garrish, Theodore <Theodore.Garrish@hq.doe.gov>; Fibbe, George <George.Fibbe@hq.doe.gov>; McNamee II, Bernard <Bernard.McNamee@hq.doe.gov>; Turenne, William <William.Turenne@hq.doe.gov>; Hynes, Shaylyn <Shaylyn.Hynes@hq.doe.gov>
Cc: McCormack, Brian <Brian.Mccormack@hq.doe.gov>; Wilmot, Dan <Dan.Wilmot@hq.doe.gov>; Colgary, James <James.Colgary@hq.doe.gov>
Subject: RE: FOR REVIEW: WH Factsheet (b) (5)

ED finds no issues.

James Campos

From: Smith, Wayne D <Wayne.Smith@hq.doe.gov>
Date: Sunday, Jul 29, 2018, 4:26 PM
To: Garrish, Theodore <Theodore.Garrish@hq.doe.gov>; Fibbe, George <George.Fibbe@hq.doe.gov>; McNamee II, Bernard <Bernard.McNamee@hq.doe.gov>; Turenne, William <William.Turenne@hq.doe.gov>; Hynes, Shaylyn <Shaylyn.Hynes@hq.doe.gov>; Campos, James E. <James.Campos@hq.doe.gov>
Cc: McCormack, Brian <Brian.Mccormack@hq.doe.gov>; Wilmot, Dan <Dan.Wilmot@hq.doe.gov>; Colgary, James <James.Colgary@hq.doe.gov>
Subject: FW: FOR REVIEW: WH Factsheet (b) (5)

Incoming tasking from WH. Pls provide comments or clear as soon as practical but no later than 0730, Monday 30 July.

V/r,
Wayne D.

(b) (5)

(

From: Hsieh, Eric
To: McNamee II, Bernard
Cc: Yunaska, Kyle; Ho, Hugh
Subject: RE: Predecisional--Info needed
Date: Monday, July 30, 2018 9:09:48 AM
Attachments: (b) (5)
(b) (5)

Bernie,

(b) (5)

Eric

-----Original Message-----

From: McNamee II, Bernard
Sent: Friday, July 27, 2018 4:44 PM
To: Hsieh, Eric <Eric.Hsieh@Hq.Doe.Gov>
Cc: Yunaska, Kyle <Kyle.Yunaska@hq.doe.gov>; Ho, Hugh <Hugh.Ho@hq.doe.gov>
Subject: RE: Predecisional--Info needed

Eric--(b) (5)

. Thanks.

Bernie

-----Original Message-----

From: Hsieh, Eric
Sent: Thursday, July 26, 2018 3:41 PM
To: McNamee II, Bernard <Bernard.McNamee@hq.doe.gov>
Cc: Yunaska, Kyle <Kyle.Yunaska@hq.doe.gov>; Ho, Hugh <Hugh.Ho@hq.doe.gov>
Subject: RE: Predecisional--Info needed

Bernie,

The attached document contains links and excerpts to first-tier documents relevant to the 4 questions. Many thanks to Hugh for the research help. Please let us know if we can provide any follow-up.

Eric

-----Original Message-----

From: McNamee II, Bernard
Sent: Thursday, July 26, 2018 10:41 AM
To: Hsieh, Eric <Eric.Hsieh@Hq.Doe.Gov>
Cc: Yunaska, Kyle <Kyle.Yunaska@hq.doe.gov>
Subject: RE: Predecisional--Info needed

No formal memo needed. Just the document, and a note saying what page of the document you think the relevant info is on. I can reach out to Kevin. Thanks. Bernie

-----Original Message-----

From: Hsieh, Eric
Sent: Thursday, July 26, 2018 10:39 AM
To: McNamee II, Bernard <Bernard.McNamee@hq.doe.gov>
Cc: Yunaska, Kyle <Kyle.Yunaska@hq.doe.gov>

Subject: RE: Predecisional--Info needed

Yes, happy to provide this info. I'm best suited to provide 1, 3, and 4, but someone in OP-30 (perhaps Kevin Easley) would be better at 3. Should I reach out to him?

If I need to choose between providing either this data or the market distortions memo by COB, which would you prefer? I rate it at 75% that I can complete both today.

-----Original Message-----

From: McNamee II, Bernard

Sent: Thursday, July 26, 2018 10:11 AM

To: Hsieh, Eric <Eric.Hsieh@Hq.Doe.Gov>

Cc: Yunaska, Kyle <Kyle.Yunaska@hq.doe.gov>

Subject: Predecisional--Info needed

Eric--I am looking for examples and data for the four items below. (b) (5)

(b) (5)

Please provide by COB today. If you need more

time, just let me know. Thanks. Bernie

Topics:

1. (b) (5)

2. (b) (5)

3. (b) (5)

4. (b) (5)

Thanks. Bernie

Bernard L. McNamee II

Executive Director

Office of Policy

U.S. Department of Energy

From: McNamee II, Bernard
To: McNamee II, Bernard
Subject: (b) (5)
Date: Monday, July 30, 2018 9:38:37 AM
Attachments: (b) (5)

-----Original Message-----

From: Konieczny, Katherine
Sent: Friday, July 27, 2018 10:58 PM
To: Cunningham, Sean <Sean.Cunningham@hq.doe.gov>; McNamee II, Bernard <Bernard.McNamee@hq.doe.gov>; Fibbe, George <George.Fibbe@hq.doe.gov>
Subject: (b) (5)

PRIVILEGED CONFIDENTIAL

(b) (5)

<https://www.gpo.gov/fdsys/pkg/FR-2011-02-15/pdf/2011-3209.pdf>, (b) (5)

(b) (5)

Thank you,
Kathy

-----Original Message-----

From: Konieczny, Katherine
Sent: Thursday, July 26, 2018 11:00 PM
To: Cunningham, Sean <Sean.Cunningham@hq.doe.gov>; McNamee II, Bernard <Bernard.McNamee@hq.doe.gov>; Fibbe, George <George.Fibbe@hq.doe.gov>
Subject: (b) (5)

PRIVILEGED CONFIDENTIAL

(b) (5)

Thank you,
Kathy

Katherine (Kathy) Konieczny
Assistant General Counsel for Electricity and Fossil Energy
Forrestal 6D-033
(202) 586-0503

From: Konieczny, Katherine
To: McNamee II, Bernard; Cunningham, Sean; Fibbe, George
Subject: (b) (5)
Date: Monday, July 30, 2018 10:26:42 PM
Attachments: (b) (5)

PRIVILEGED CONFIDENTIAL

Bernie and Sean, the working draft of the Addendum is attached. (b) (5)

Thank you,
Kathy

-----Original Message-----

From: Konieczny, Katherine
Sent: Monday, July 30, 2018 10:42 AM
To: McNamee II, Bernard <Bernard.McNamee@hq.doe.gov>; Cunningham, Sean <Sean.Cunningham@hq.doe.gov>; Fibbe, George <George.Fibbe@hq.doe.gov>
Subject: (b) (5)

PRIVILEGED CONFIDENTIAL
(b) (5)

-----Original Message-----

From: McNamee II, Bernard
Sent: Saturday, July 28, 2018 5:29 PM
To: Konieczny, Katherine <Katherine.Konieczny@Hq.Doe.Gov>; Cunningham, Sean <Sean.Cunningham@hq.doe.gov>; Fibbe, George <George.Fibbe@hq.doe.gov>
Subject: (b) (5)

(b) (5)

. Thanks. Bernie

-----Original Message-----

From: Konieczny, Katherine
Sent: Thursday, July 26, 2018 11:00 PM
To: Cunningham, Sean <Sean.Cunningham@hq.doe.gov>; McNamee II, Bernard <Bernard.McNamee@hq.doe.gov>; Fibbe, George <George.Fibbe@hq.doe.gov>
Subject: (b) (5)

PRIVILEGED CONFIDENTIAL

(b) (5)

Thank you,
Kathy

Katherine (Kathy) Konieczny
Assistant General Counsel for Electricity and Fossil Energy
Forrestal 6D-033
(202) 586-0503

From: Konieczny, Katherine
To: McNamee II, Bernard; Cunningham, Sean; Fibbe, George
Subject: (b) (5)
Date: Monday, July 30, 2018 10:42:14 AM
Attachments: (b) (5)

PRIVILEGED CONFIDENTIAL

(b) (5)

-----Original Message-----

From: McNamee II, Bernard
Sent: Saturday, July 28, 2018 5:29 PM
To: Konieczny, Katherine <Katherine.Konieczny@Hq.Doe.Gov>; Cunningham, Sean <Sean.Cunningham@hq.doe.gov>; Fibbe, George <George.Fibbe@hq.doe.gov>
Subject: (b) (5)

(b) (5)

. Thanks. Bernie

-----Original Message-----

From: Konieczny, Katherine
Sent: Thursday, July 26, 2018 11:00 PM
To: Cunningham, Sean <Sean.Cunningham@hq.doe.gov>; McNamee II, Bernard <Bernard.McNamee@hq.doe.gov>; Fibbe, George <George.Fibbe@hq.doe.gov>
Subject: (b) (5)

PRIVILEGED CONFIDENTIAL

(b) (5)

Thank you,
Kathy

Katherine (Kathy) Konieczny
Assistant General Counsel for Electricity and Fossil Energy
Forrestal 6D-033
(202) 586-0503

From: Tripodi, Cathy
To: McNamee II, Bernard; Yunaska, Kyle; Walker, Bruce; Lotto, Adrienne
Cc: Davis, Caitlin J. (CONTR); Singer, William; Fitzsimmons, Alexander; Cunningham, Sean
Subject: RE: Definition of Resilience 20 Minute Meeting Request?
Date: Monday, July 30, 2018 11:03:44 AM
Attachments: 20180730105848979.pdf

Bernie:

(b) (5)

Thank you,

Cathy T.

From: McNamee II, Bernard
Sent: Monday, July 30, 2018 10:56 AM
To: Tripodi, Cathy <Cathy.Tripodi@hq.doe.gov>; Yunaska, Kyle <Kyle.Yunaska@hq.doe.gov>; Walker, Bruce <Bruce.Walker@hq.doe.gov>; Lotto, Adrienne <Adrienne.Lotto@hq.doe.gov>
Cc: Davis, Caitlin J. (CONTR) <Caitlin.Davis@EE.DOE.Gov>; Singer, William <William.Singer@ee.doe.gov>; Fitzsimmons, Alexander <Alexander.Fitzsimmons@ee.doe.gov>; Cunningham, Sean <Sean.Cunningham@hq.doe.gov>
Subject: RE: Definition of Resilience 20 Minute Meeting Request?

Cathy—(b) (5) ? I note EO 13834 uses resilience once, in the following context:

Section 1. Policy. The Congress has enacted a wide range of statutory requirements related to energy and environmental performance of executive departments and agencies (agencies), including with respect to facilities, vehicles, and overall operations. It is the policy of the United States that agencies shall meet such statutory requirements in a manner that increases efficiency, optimizes performance, eliminates unnecessary use of resources, and protects the environment. In implementing this policy, each agency shall prioritize actions that reduce waste, cut costs, enhance the resilience of Federal infrastructure and operations, and enable more effective accomplishment of its mission.

Thanks. Bernie

From: Tripodi, Cathy

Sent: Monday, July 30, 2018 10:50 AM

To: McNamee II, Bernard <Bernard.McNamee@hq.doe.gov>; Yunaska, Kyle <Kyle.Yunaska@hq.doe.gov>; Walker, Bruce <Bruce.Walker@hq.doe.gov>; Lotto, Adrienne <Adrienne.Lotto@hq.doe.gov>

Cc: Davis, Caitlin J. (CONTR) <Caitlin.Davis@EE.DOE.Gov>; Singer, William <William.Singer@ee.doe.gov>; Fitzsimmons, Alexander <Alexander.Fitzsimmons@ee.doe.gov>

Subject: Definition of Resilience 20 Minute Meeting Request?

Hi Bernie, Bruce, Kyle and Adrienne:

EERE has a lot of ongoing work and a huge conference coming up about implementing the May 2018 Executive Order 13834, Efficient Federal Operations. Resilience is emphasized in the new Order. (b) (5)

Thank you,

Cathy T.

X65050

From: Tripodi, Cathy
To: McNamee II, Bernard; Yunaska, Kyle
Subject: RE: Definition of Resilience 20 Minute Meeting Request?
Date: Monday, July 30, 2018 11:13:12 AM

Bernie: Can I come see you at 1pm for 10 minutes?

From: McNamee II, Bernard
Sent: Monday, July 30, 2018 11:10 AM
To: Tripodi, Cathy <Cathy.Tripodi@hq.doe.gov>; Yunaska, Kyle <Kyle.Yunaska@hq.doe.gov>; Walker, Bruce <Bruce.Walker@hq.doe.gov>; Lotto, Adrienne <Adrienne.Lotto@hq.doe.gov>
Cc: Fitzsimmons, Alexander <Alexander.Fitzsimmons@ee.doe.gov>; Cunningham, Sean <Sean.Cunningham@hq.doe.gov>
Subject: RE: Definition of Resilience 20 Minute Meeting Request?

Thanks, Cathy. (b) (5)

Thanks for being vigilant.

Bernie

From: Tripodi, Cathy
Sent: Monday, July 30, 2018 11:04 AM
To: McNamee II, Bernard <Bernard.McNamee@hq.doe.gov>; Yunaska, Kyle <Kyle.Yunaska@hq.doe.gov>; Walker, Bruce <Bruce.Walker@hq.doe.gov>; Lotto, Adrienne <Adrienne.Lotto@hq.doe.gov>
Cc: Davis, Caitlin J. (CONTR) <Caitlin.Davis@EE.DOE.Gov>; Singer, William <William.Singer@ee.doe.gov>; Fitzsimmons, Alexander <Alexander.Fitzsimmons@ee.doe.gov>; Cunningham, Sean <Sean.Cunningham@hq.doe.gov>
Subject: RE: Definition of Resilience 20 Minute Meeting Request?

Bernie:

(b) (5)

Thank you,

Cathy T.

<< File: 20180730105848979.pdf >>

From: McNamee II, Bernard

Sent: Monday, July 30, 2018 10:56 AM

To: Tripodi, Cathy <Cathy.Tripodi@hq.doe.gov>; Yunaska, Kyle <Kyle.Yunaska@hq.doe.gov>; Walker, Bruce <Bruce.Walker@hq.doe.gov>; Lotto, Adrienne <Adrienne.Lotto@hq.doe.gov>

Cc: Davis, Caitlin J. (CONTR) <Caitlin.Davis@EE.DOE.Gov>; Singer, William

<William.Singer@ee.doe.gov>; Fitzsimmons, Alexander

<Alexander.Fitzsimmons@ee.doe.gov>; Cunningham, Sean <Sean.Cunningham@hq.doe.gov>

Subject: RE: Definition of Resilience 20 Minute Meeting Request?

Cathy—(b) (5)

? I note EO 13834 uses resilience once, in

the following context:

Section 1. Policy. The Congress has enacted a wide range of statutory requirements related to energy and environmental performance of executive departments and agencies (agencies), including with respect to facilities, vehicles, and overall operations. It is the policy of the United States that agencies shall meet such statutory requirements in a manner that increases efficiency, optimizes performance, eliminates unnecessary use of resources, and protects the environment. In implementing this policy, each agency shall prioritize actions that reduce waste, cut costs, **enhance the resilience of Federal infrastructure and operations**, and enable more effective accomplishment of its mission.

Thanks. Bernie

From: Tripodi, Cathy

Sent: Monday, July 30, 2018 10:50 AM

To: McNamee II, Bernard <Bernard.McNamee@hq.doe.gov>; Yunaska, Kyle

<Kyle.Yunaska@hq.doe.gov>; Walker, Bruce <Bruce.Walker@hq.doe.gov>; Lotto, Adrienne <Adrienne.Lotto@hq.doe.gov>

Cc: Davis, Caitlin J. (CONTR) <Caitlin.Davis@EE.DOE.Gov>; Singer, William

<William.Singer@ee.doe.gov>; Fitzsimmons, Alexander <Alexander.Fitzsimmons@ee.doe.gov>

Subject: Definition of Resilience 20 Minute Meeting Request?

Hi Bernie, Bruce, Kyle and Adrienne:

EERE has a lot of ongoing work and a huge conference coming up about implementing the May 2018 Executive Order 13834, Efficient Federal Operations. Resilience is emphasized in the new Order. (b) (5)

(b) (5)

Thank you,

Cathy T.

X65050

From: Lotto, Adrienne
To: McNamee II, Bernard; Tripodi, Cathy; Yunaska, Kyle; Walker, Bruce
Cc: Davis, Caitlin J. (CONTR); Singer, William; Fitzsimmons, Alexander; Cunningham, Sean
Subject: RE: Definition of Resilience 20 Minute Meeting Request?
Date: Monday, July 30, 2018 11:17:30 AM

Bruce is out of the office but I'm certainly available for a call. Keep me posted. Thanks.

Adrienne Lotto

Chief of Staff for Office of Electricity (OE) and
Cybersecurity, Energy Security and Emergency Response (CESER)
1000 Independence Avenue, SW
Room 8H-033
Washington, DC 20585
Tel: (202) 586-1117

From: McNamee II, Bernard
Sent: Monday, July 30, 2018 10:56 AM
To: Tripodi, Cathy <Cathy.Tripodi@hq.doe.gov>; Yunaska, Kyle <Kyle.Yunaska@hq.doe.gov>; Walker, Bruce <Bruce.Walker@hq.doe.gov>; Lotto, Adrienne <Adrienne.Lotto@hq.doe.gov>
Cc: Davis, Caitlin J. (CONTR) <Caitlin.Davis@EE.DOE.Gov>; Singer, William <William.Singer@ee.doe.gov>; Fitzsimmons, Alexander <Alexander.Fitzsimmons@ee.doe.gov>; Cunningham, Sean <Sean.Cunningham@hq.doe.gov>
Subject: RE: Definition of Resilience 20 Minute Meeting Request?

Cathy—(b) (5) ? I note EO 13834 uses resilience once, in the following context:

Section 1. Policy. The Congress has enacted a wide range of statutory requirements related to energy and environmental performance of executive departments and agencies (agencies), including with respect to facilities, vehicles, and overall operations. It is the policy of the United States that agencies shall meet such statutory requirements in a manner that increases efficiency, optimizes performance, eliminates unnecessary use of resources, and protects the environment. In implementing this policy, each agency shall prioritize actions that reduce waste, cut costs, enhance the resilience of Federal infrastructure and operations, and enable more effective accomplishment of its mission.

Thanks. Bernie

From: Tripodi, Cathy

Sent: Monday, July 30, 2018 10:50 AM

To: McNamee II, Bernard <Bernard.McNamee@hq.doe.gov>; Yunaska, Kyle <Kyle.Yunaska@hq.doe.gov>; Walker, Bruce <Bruce.Walker@hq.doe.gov>; Lotto, Adrienne <Adrienne.Lotto@hq.doe.gov>

Cc: Davis, Caitlin J. (CONTR) <Caitlin.Davis@FE.DOE.Gov>; Singer, William <William.Singer@ee.doe.gov>; Fitzsimmons, Alexander <Alexander.Fitzsimmons@ee.doe.gov>

Subject: Definition of Resilience 20 Minute Meeting Request?

Hi Bernie, Bruce, Kyle and Adrienne:

EERE has a lot of ongoing work and a huge conference coming up about implementing the May 2018 Executive Order 13834, Efficient Federal Operations. Resilience is emphasized in the new Order. (b) (5)

Thank you,

Cathy T.

X65050

From: [Cunningham, Sean](#)
To: [McNamee II, Bernard](#)
Subject: NextEra v FERC
Date: Tuesday, July 31, 2018 5:21:04 PM
Attachments: [NextEra v FERC \(July 2018\).pdf](#)

Document 71

This case, just decided, has a good description of capacity mkts.

From: Winberg, Steven
To: Menezes, Mark; McNamee II, Bernard; Cunningham, Sean; McCormack, Brian; Maddox, Mark; Plasynski, Sean (NETL); Balash, Peter (NETL)
Subject: FW: America's Power (ACCCE) New Paper - A Sobering Perspective on Fuel Security
Date: Tuesday, July 31, 2018 7:28:58 AM
Attachments: Image001.png
Stockton Blog.pdf

See below and attached

From: Michelle Bloodworth <mbloodworth@americaspower.org>
Date: Tuesday, Jul 31, 2018, 6:45 AM
To: Michelle Bloodworth <mbloodworth@americaspower.org>
Subject: America's Power (ACCCE) New Paper - A Sobering Perspective on Fuel Security

PJM is in the process of valuing fuel security. National security expert Dr. Paul Stockton, who served as Assistant Secretary for Homeland Defense during the Obama administration, sent several recommendations to PJM. He recommended that PJM evaluate very serious disruptions to natural gas infrastructure. America's Power (ACCCE) published a paper that includes some of his sobering warnings.

If you have any questions, let us know.

Michelle Bloodworth
President and CEO
4601 N. Fairfax Drive, Suite 1050 • Arlington, VA 22203
T: (b) (6) M: (b) (6)
mbloodworth@americaspower.org
AMERICA'S POWER
ACCCE | Reliable • Secure • Resilient • Affordable

From: Yunaska, Kyle
To: DL-OP-ALL
Subject: FW: July 31, 2018 Daily News Briefing for DOE
Date: Tuesday, July 31, 2018 5:33:47 AM
Attachments: July 31, 2018 Daily News Briefing for DOE.pdf

From: Media Analyst (General)
Sent: Tuesday, July 31, 2018 5:32:37 AM (UTC-05:00) Eastern Time (US & Canada)
To: doe
Subject: July 31, 2018 Daily News Briefing for DOE

DOE News

1. The Trump administration makes a bid for the Asian energy market
2. U.S. India Gas Task Force designed to help India unleash its own natural gas reserves: Sec. Perry
3. Romania's ambassador to the U.S. George Cristian Maior met U.S. Sec. Perry in Washington

Electricity/Cyber Security

4. How utilities make sure we have electricity access in extreme weather

Energy Efficiency and Renewable Energy

5. Will DOE propose to roll back light bulb standards?
6. Native American lands have 61 GW of economic solar potential; federal loan guarantees can help
7. Record amount of wind energy under construction, second quarter analysis finds
8. Idaho PUC approves three Rocky Mountain Power wind, transmission projects
9. Local governments take up effort to reduce greenhouse gas emissions, combat climate change

Fossil Energy

10. The U.S. is still the global natural gas king
11. Emerging militant group threatens villages, gas projects in Mozambique
12. Oil prices drop on oversupply concerns as OPEC output increases in July
13. Trump administration predicts "moderate" impacts from new Keystone XL route
14. EIA: Distillate fuel inventories on decline
15. EIA: Diesel creeps up 0.6¢ to \$3.226
16. POTUS' uranium review rattles nuclear utilities

Nuclear Energy

17. Plans to be unveiled for completion of Alabama nuclear plant

Environmental Management/Nuclear Waste Storage

18. EPA signs \$200M remedy for 100 D and H Area at the Hanford Reservation Superfund Site
19. Three Hanford site contractors honored
20. Hiring begins for Hanford radioactive waste lab, with training at CBC

Nuclear Weapons/Security

21. Satellite imagery + social media = A new way to spot emerging nuclear threats

- 22. Christy Drewry named DOE Safety System Oversight Professional of the Year
- 23. Wildfire reported at Nevada National Security site in Nye County
- 24. DOE announces contract extension for Savannah River Nuclear Solutions
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- 26. Los Alamos agencies finish active threat intervention training
- 27. LANL researching algae to convert to affordable fuel
- 28. N3B Los Alamos releases LANL Interim Facility-Wide Groundwater Monitoring Plan
- 29. CBD oil sold freely in Knoxville, but state law, federal policy clash on its use (concerns Y-12)
- 30. Listen to this highly interesting radio recording of the F-117's latest flight over Nevada
- 31. Activists risking arrest keep up their "moral witness"
- 32. U.S. spy agencies: North Korea is working on new missiles
- 33. North Korea expands facilities at missile site
- 34. Now Russia wants to bring back missile-armed Ekranoplans to defend its claims in the Arctic
- 35. Malaysia will not allow ships carrying nuclear weapons to dock

Science

- 36. NREL: Community banks, credit unions finding success with solar loans
- 37. LBNL: Research shows that bacteria do in fact go extinct

Climate Change/Global Warming

- 38. Supreme Court denies Trump administration's request to halt youth climate lawsuit

National News

- 39. Four years later, new MH370 probe finds someone veered the plane off course
- 40. Fatal California wildfires spread, wreaking destruction

Washington Schedule

DOE News

1. The Trump administration makes a bid for the Asian energy market

Washington Examiner (Siegel, Siciliano) reported that Sec. Perry said on Monday that the Trump administration "will begin a push to create a market in the Asia-Pacific region for U.S. energy technology and liquefied natural gas." According to the article, the Trump administration dubs its effort "Asia Edge," which Sec. Perry said "will focus on four areas: expanding energy commerce between nations, implementing market reforms, encouraging private investment, and 'promoting universal access to affordable, secure energy.'" Sec. Perry, the article noted, "expressed excitement about the Cove Point facility in Maryland outside of Washington, the second LNG export facility to open in the U.S., after the large Sabine Pass terminal in Louisiana," specifying that the "principal destinations for natural gas leaving Cove Point will be India and Japan." The article indicated that Sec. Perry also said DOE is working with Japan on "greater commercial cooperation in nuclear energy," and that Dan Brouillette, "deputy secretary of the Energy Department, will soon travel to Japan for a forum on decommissioning the country's nuclear plants." But, the article pointed out, Sec. Perry "added he still sees opportunity for nuclear power in Japan, more than

seven years after the Fukushima nuclear disaster,” noting that the U.S. “is working on producing small modular reactors that he hopes Japan would use.” Washington Post (Rogin) reported that the Trump administration “is rolling out a plan to offer the countries of Asia another option besides accepting investment from China’s massive One Belt, One Road initiative.” According to the article, the nascent American plan “is still tiny compared with what Beijing has to offer, but it could mark the beginning of an economic strategy to counter Beijing’s growing regional economic influence.” The article indicated that “Commerce Secretary Wilbur Ross, Energy Secretary Rick Perry and other top administration officials will participate in this week’s business forum at the chamber with industry leaders.”

2. U.S. India Gas Task Force designed to help India unleash its own natural gas reserves: Sec. Perry

PTI (Jha) reported that Sec. Perry during his address to the first Indo-Pacific Business Forum stated that the “recently established US-India Gas Task Force is designed to help India unleash its own natural gas potential.” According to the article, Sec. Perry “has asked Undersecretary of Energy Mark Menezes to oversee this development with India.” The article added that Sec. Perry said the U.S. “is in the process of developing a whole-of-government, a multiyear, multimillion-dollar framework for its energy efforts in the region,” a project called “Asia Edge.”

3. Romania's ambassador to the U.S. George Cristian Maior met U.S. Sec. Perry in Washington

ACT Media reported that “Romania's ambassador to the US George Cristian Maior met US Secretary of Energy Rick Perry on Wednesday, according to a press statement released by the embassy on Friday.” The article indicated that that press release stated that “the two officials highlighted the major impact of the exploitation of Romania's hydrocarbon resources on the region's energy security as an important component for the development of the strategic partnership between the US and Romania.” According to the article, the statement of the Romanian Embassy in Washington “also shows that US Secretary of Energy Rick Perry reaffirmed interest in the development of energy dialogue, including at the summit meeting (sic) of the Three Seas Initiative to be held in Bucharest, September 17-18.”

Electricity/Cyber Security

4. How utilities make sure we have electricity access in extreme weather

RealClearEnergy (Douris) reported that Southwire Company and Utility Dive Brand Studio “recently surveyed over 100 industry executives and found that managing vegetation by trimming trees is the most common hardening task to prepare for storms.” The second, the article continued, “is upgrading transmission and distribution lines with modern cables that can withstand high winds, rain, and snow.” The article indicated that “about a quarter of utility respondents are moving transmission and distribution lines underground,” but “doing so is very expensive, about five to 15 times more than overhead distribution.” According to the article, “smart grid technologies helped companies respond to major outages during Hurricanes Harvey and Irma,” and “smart meters, which are deployed in more than half of U.S. homes, helped companies identify where outages occurred.” The article added that companies “also used drones with high-resolution cameras, global positioning systems, and sensors to generate fast damage assessments.”

Energy Efficiency and Renewable Energy

5. Will DOE propose to roll back light bulb standards?

ACEEE (deLaski) reported that the Trump administration “will soon release a proposed rule on light bulb standards.” According to the article, the details “are under wraps, but manufacturers have lobbied for an illegal rollback of strong standards with which they must comply beginning in 2020.” Last year, the article explained, DOE “widened the range of light bulbs that must comply with tougher standards (stage 2), slated for 2020.”

The article indicated that ACEEE estimates that US light bulb standards “will save consumers more than \$5 billion on electricity bills this year alone,” and that “total electricity savings will top 140 billion kilowatt hours in 2025 —approximately the amount generated by 45 large coal-fired power plants or 25,000 wind turbines in a year.” But, the article pointed out, “the rollback sought by manufacturers would potentially eliminate all savings from the 2020 standards, slowing the transition to energy-efficient lighting and hurting consumers and the economy.” The article noted that “whether a rollback attempt succeeds will likely depend on a set of legal issues.”

6. Native American lands have 61 GW of economic solar potential; federal loan guarantees can help

PV Magazine (Driscoll) reported that native American tribes “could install 61 gigawatts of utility-scale solar, and sell the resulting electricity wholesale at a profit, according to a report from the U.S. Department of Energy’s National Renewable Energy Laboratory (NREL).” The potential for a specific tribal land area, the article noted, “may be analyzed using NREL’s online Tribal Energy Atlas,” and “a new \$2 billion federal loan guarantee program for energy developments on tribal lands can assist with financing.” The article indicated that NREL’s analysis “first identified the technical solar potential on tribal lands (6,035 gigawatts), then estimated the levelized cost of energy (LCOE) for each location, and compared that to the levelized avoided cost of energy (LACE), which is based on regional wholesale market electricity prices.” Where the “LACE was higher than the LCOE,” the article explained, NREL identified “economic potential.” The result, the article added, “was 61 gigawatts (GW) of economic solar potential.”

7. Record amount of wind energy under construction, second quarter analysis finds

Daily Energy Insider (Randolph) reported that “a record amount of wind energy capacity is under construction in the United States, according to the second quarter market report from the American Wind Energy Association (AWEA).” The article indicated that the U.S. Wind Industry Second Quarter 2018 Market Report “shows that 5,322 megawatts (MW) of wind began construction during the second quarter of 2018, increasing total construction activity to 18,987 MW.” Aside from projects currently under construction, the article continued, “3,901 MW of new wind power capacity entered advanced development during the second quarter.” According to the article, the “total near-term U.S. wind farm development pipeline, which includes projects under construction and in advanced development, expanded by 13 percent from the previous quarter to a total of 37,794 MW.” The United States, the article added, “installed 626 MW this quarter, bringing year-to-date installations to 1,032 MW.”

8. Idaho PUC approves three Rocky Mountain Power wind, transmission

projects

Daily Energy Insider (Randolph) reported that the Idaho Public Utilities Commission (PUC) “recently approved a Certificate of Public Convenience and Necessity for three new Rocky Mountain Power wind projects and the associated transmission facilities.” According to the article, the turbines “will have a generating capacity of 1,150 megawatts (MW).”

9. Local governments take up effort to reduce greenhouse gas emissions, combat climate change

Wisconsin State Journal (Mesch) reported that the Middleton City Council “passed a resolution this month setting goalposts for utilizing renewable energy sources in 100 percent of energy consumption city-wide — for the city government’s operations but also for community residents and companies.” The article indicated that “for Middleton, the resolution details years by which the city’s operations should reach renewable energy goals — 100 percent by 2040 — and community energy needs — 100 percent renewable by 2050.”

Fossil Energy

10. The U.S. is still the global natural gas king

Forbes (Rapier) reported that “data from the 2018 BP Statistical Review of World Energy show that last year the U.S. maintained a healthy lead as the global natural gas powerhouse.” The article indicated that “in 2017, the U.S. produced an average of 71.1 billion cubic feet per day (Bcf/d) of natural gas,” which is “a 1.0% increase from 2016 production, but not quite good enough to beat the 2015 record of 71.6 Bcf/d.” To put the “U.S. production numbers in perspective,” the article noted, “natural gas production for the entire Middle East was 63.8 Bcf/d. Russia, in second place among countries, saw its natural gas production surge by 8.2%, but at 61.5 Bcf/d that was still well behind the U.S.”

11. Emerging militant group threatens villages, gas projects in Mozambique

The Wall Street Journal (Bariyo) reported that “in recent months, Islamist militants have attacked more than a dozen villages on the palm-lined shores of Mozambique’s northern coastal region.” According to the article, the “Kalashnikov and machete-wielding attackers have killed more than 100 people since October, torched hundreds of houses and slaughtered cattle.” The violence, the article noted, “is already affecting work in the region’s Rovuma Basin, where energy giants including Exxon Mobil, Eni SpA and Anadarko Petroleum Corp. are investing some \$50 billion—four times Mozambique’s gross domestic product.” The article indicated that U.S.-based Anadarko Petroleum, “which is developing a \$15 billion liquefied natural gas project in the region, has placed staff under lockdown,” while “Canada-based explorer Wentworth Resources Ltd. said it hasn’t been able to gain access to its license areas since March,” and Exxon said it is “closely monitoring the security situation and waiting for government guidance.”

12. Oil prices drop on oversupply concerns as OPEC output increases in July

Reuters (Sheldrick) reported that oil prices “fell on Tuesday, with Brent futures set for their biggest monthly loss in two years, as oversupply concerns rose after a Reuters survey showed OPEC output rose in July to its highest for 2018.” The article indicated that September Brent crude futures “fell 25 cents, or 0.3 percent, to \$74.72 a barrel by

0654 GMT,” and U.S. West Texas Intermediate crude futures (WTI) “were down 24 cents, or 0.3 percent, at \$69.88 a barrel, after rising more than 2 percent in the previous session.”

13. Trump administration predicts “moderate” impacts from new Keystone XL route

The Hill (Cama) reported that the Trump administration on Monday “released a new environmental review for a portion of the proposed Keystone XL oil pipeline, predicting some ‘moderate’ impacts from its construction and operation.” The article indicated that “in its 300 page draft report, the State Department found that some of the biggest impacts from the project’s new route in Nebraska include injuries to wetlands and vegetation, but says much of the impact would be temporary.”

14. EIA: Distillate fuel inventories on decline

Daily Energy Insider (Clark) reported that officials said “distillate fuel supplies, a category that includes both diesel and home heating oil, numbered 117.7 million barrels at the end of June, the lowest end-of-June level since 2004.” According to the article, EIA “estimates American consumption of distillate fuel averaged 4.12 million barrels per day during the first half of 2018, which was 190,000 higher than in the same period of 2017, with officials attributing the increase to a rise in trucking activity, which is the leading use of diesel fuel.”

15. EIA: Diesel creeps up 0.6¢ to \$3.226

Transport Topics reported that the U.S. average retail price of diesel “crept up 0.6 cent to \$3.226 a gallon while crude oil prices jumped higher as Middle East tensions continued.” According to the article, diesel fuel “costs 69.5 cents a gallon more than it did a year ago, when the price was \$2.531, the Department of Energy said July 30.” The article indicated that the “national average price for regular gasoline rose 1.5 cents to \$2.846 a gallon, DOE’s Energy Information Administration said.” Meanwhile, the article noted, “demand for distillate fuel — primarily ultra-low-sulfur diesel used in transportation and to a lesser degree as heating oil — was 190,000 barrels a day or 5% higher in the first half of 2018, when demand hit 4.12 million barrels a day compared with the 2017 period, EIA reported.”

16. POTUS’ uranium review rattles nuclear utilities

Bloomberg BNA (Lee) reported that the Trump administration’s “hard look at uranium imports is already rattling nuclear utilities’ fuel-purchasing decisions.” According to the article, the demand “is there,” and “most utilities’ uranium needs are locked down for the next couple of years, but generally not beyond 2020 or 2021.” The article indicated that if the Commerce Department delivers a quota mandating that 25 percent of U.S. uranium must be domestically produced, the utilities “would then have to turn to domestic uranium suppliers, but right now, there’s not enough domestic supply to satisfy the 50-million-pound national demand.” Last year, the article noted, “U.S. producers accounted for only 1.1 million pounds.” A 25 percent tariff, the article elaborated, “would mean the sector would have to quickly ramp up roughly twelve-fold,” noting that “uranium stockpiles of that size do sit underneath U.S. soil,” but the “problem is that mining companies can’t afford to extract it at current prices of between \$25 and \$26 a pound.” For them, the article specified, the economics “only make sense if uranium hits \$40 to \$60 a pound.” The article pointed out that U.S. uranium production “represents only 1.8 percent of the world’s total, and production fell 64 percent during the first quarter of 2018, according to the Energy Information Administration,” and “right now, only three uranium mines are operating

in the U.S.: one owned by Energy Fuels, one by UR-Energy, and a third by Peninsula Energy Ltd. of Australia.” A fourth mine, the article added, “also owned by Energy Fuels, is being evaluated and should soon be ready to start operating.”

Nuclear Energy

17. Plans to be unveiled for completion of Alabama nuclear plant

AP reported that “the plans for the Bellefonte Nuclear Plant in Jackson County are to be unveiled Monday.” According to the article, the facility “was sold at auction by the Tennessee Valley Authority for \$111 million in 2016.” The article indicated that the Jackson County Development Authority said “completion of the plant would have an economic output of more than \$12 billion and create more than 8,000 jobs.” Chattanooga Times Free Press (Flessner) reported that “former Chattanooga developer Franklin L. Haney, whose Nuclear Development LLC emerged two years ago as the top bidder to buy the shuttered nuclear plant, has assembled a consortium of nuclear engineering and construction firms to finish the Bellefonte units in another five or six years.” The article indicated that “in documents outlining his plans, Haney said he has unnamed parties interested in buying the entire electricity output of the Unit 1 reactor at Bellefonte and is looking for buyers of power from the second reactor at the plant.” Aided “by more than \$2 billion in production tax credits for new nuclear generation allocated for Bellefonte and the prospect of \$5 billion or more in federal loan guarantees for the project,” the article noted, Mr. Haney “claims he should be able to finish the reactors at a cost allowing him to deliver power as much as \$500 million a year cheaper for electricity users.”

Environmental Management/Nuclear Waste Storage

18. EPA signs \$200M remedy for 100 D and H Area at the Hanford Reservation Superfund Site

NBC Right Now (Wisner) reported that EPA, together with DOE “and with concurrence from the Washington State Department of Ecology, has issued the Record-of-Decision, or Cleanup Plan, for the Hanford 100 Area D and H areas, which occupy approximately 7.8 square miles of the 586-square mile Hanford Reservation in south central Washington.” According to the article, the “\$200 million remedy includes removal, treatment, and disposal of contaminated soil and debris; upgrading the existing groundwater treatment system; monitored natural attenuation; and institutional controls (ICs) to prevent contamination exposure until cleanup levels are met.” The article indicated that “under the ROD, groundwater will be cleaned up to drinking water standards and waste sites cleaned up to ‘suitable for residential use’ levels.”

19. Three Hanford site contractors honored

KXLY (McCoy) reported that “three Hanford site contractors received an award for leadership in creating and using sustainable information technology products.” According to the article, “CH2M Hill Plateau Remediation Company, Mission Support Alliance and Washington River Protection Solutions were given the three-star award by the Green electronics council in back-to-back years.”

20. Hiring begins for Hanford radioactive waste lab, with training at CBC

Tri-City Herald (Cary) reported that “Columbia Basin College is helping Hanford officials take the next step toward getting the \$17 billion vitrification plant ready to treat waste by 2023.” According to the article, the “massive plant is being built to

glassify some of the nation's most dangerous radioactive and hazardous waste." The article indicated that Vit plant employees "who could eventually be operating the Analytical Laboratory at the Hanford nuclear reservation's vit plant are coming up with the processes and procedures at the college's Pasco campus that will be used at the plant's lab." A lab set up at CBC, the article noted, "also is allowing chemists and laboratory specialists to train on equipment that will be transferred to the vitrification plant," specifying that "about 40 employees will be needed at the lab."

Nuclear Weapons/Security

21. Satellite imagery + social media = A new way to spot emerging nuclear threats

Defense One (Tucker) reported that "hiding illicit nuclear programs might be getting harder, thanks to new ways of gleaning and combining clues from various rivers of digital data." According to the article, "that's the conclusion of new research funded in part by the U.S. Energy Department's National Nuclear Security Administration." The article indicated that satellites "offer one kind of information; social media another — particularly inside countries that may be trying to flout inspections," but "large volumes of satellite imagery and social media data aren't similar." The article pointed out that "you can have one analyst examine satellite pictures and another look at social media posts to see if they align, but the process is time-consuming and generally far from comprehensive." The study's authors, the article explained, "developed a method for fusing different types of data in a machine-readable way to offer a much clearer picture."

22. Christy Drewry named DOE Safety System Oversight Professional of the Year

Oak Ridger reported that Christy Drewry "has been selected as the U.S. Department of Energy (DOE) Safety System Oversight (SSO) professional of the year for 2017." The article indicated that "a news release stated Drewry serves as the SSO Enterprise Program Manager for the National Nuclear Security Administration (NNSA) Production Office (NPO)," and that she "also performs safety system oversight for two nuclear facilities at the Y-12 National Security Complex."

23. Wildfire reported at Nevada National Security site in Nye County

Las Vegas Now (Bowers) reported that "a wildfire that broke out Saturday in the remote mountainous northwest region of the Nevada National Security Site has grown to 5,000 acres." According to authorities, the article noted, the fire "was started by a lightning strike." The article indicated that "due to the terrain, NNSS firefighters have not been able to gain access to the fire." However, the article continued, "aerial tanker assets have been requested from the Bureau of Land Management (BLM) wildland fire division," and "they're expected to arrive within the next 24 hours to drop fire retardant to help fight the blaze."

24. DOE announces contract extension for Savannah River Nuclear Solutions

Aiken Standard (Demarest) reported that DOE "has finalized a one-year contract extension for the Savannah River Site's management and operations contractor." The article indicated that Savannah River Nuclear Solutions "will remain on-site for up to another year, according to DOE information, and will remain in charge of SRS ongoing, security and liquid waste not included." WRDW and The Augusta Chronicle also reported on the storyline.

25. Federal defense bill includes study of options for LANL plutonium pits
Los Alamos Monitor (DeRoma) reported that “a defense authorization bill currently in the U.S. Senate for a final vote could have a lasting positive impact Los Alamos National Laboratory’s plutonium pit production.” According to the article, the National Defense Authorization Act for Fiscal Year 2019, H.R. 5515, “contains provisions that secures production of 30 plutonium pits by LANL by 2026.” The article indicated that H.R. 5515 “solidifies Los Alamos’ role in the plan, and also includes a request for an independent review of the NNSA’s plutonium strategy,” noting that the independent review “will consider the feasibility of LANL taking on the entire 80 plutonium pit quota through additional shifts of workers.” The bill, the article detailed, “requests the Nuclear Weapons Council to track and certify the NNSA’s progress to fulfill the Department of Defense requirements of 80 pits a year by 2030.” The article added that “funding provisions in the bill also include \$191.6 million for legacy cleanup up at LANL.”

26. Los Alamos agencies finish active threat intervention training

Los Alamos Monitor (Horne) reported that “law enforcement officials from numerous New Mexico agencies concluded active threat intervention training Friday with several simulated scenarios at Piñon Elementary School in White Rock.” The article indicated that “among the agencies represented were Los Alamos Police and Fire Departments, Los Alamos National Laboratory, New Mexico Department of Corrections, Santa Fe National Forest, New Mexico Game and Fish and Classic Air Medical.” According to the article, the training “was provided by Louisiana State University’s National Center for Biomedical Research and Training, which is a Department of Homeland Security training partner providing high-quality training to emergency responders throughout the United States and its territories under DHS’s Homeland Security National Training Program.” Andrew Rateaver, a NCBRT certified instructor, the article added, “led the training and praised Los Alamos County for how its first responders worked during the training.”

27. LANL researching algae to convert to affordable fuel

Santa Fe New Mexican (Stiny) reported that “molecular biologist Amanda Barry and a team at Los Alamos National Laboratory’s Bio-energy and Biome Sciences group are trying to determine whether one particular strain of algae can be produced at low cost and in short periods of time so that it could economically compete with fossil fuels.” According to the article, the consortium is a “nonprofit corporation formed by three New Mexico universities to facilitate research and increase cooperation between academia, industry and Los Alamos National Laboratory.” In the future, the article noted, “LANL will look for an industrial partner already growing algae outdoors ‘to work with them to see if this would help their process in actually boosting growth and boosting the products they are looking for.’” The article indicated that “while algae may be a future superstar in the biofuels research arena, it is not the lone ranger.” About 30 people at LANL, the article added, “are engaged in all sorts of biofuel research, which has been going on since 2009, said Babetta Marrone, senior scientist and the lab’s biofuels program manager.”

28. N3B Los Alamos releases LANL Interim Facility-Wide Groundwater Monitoring Plan

Los Alamos Daily Post (O’Neill) reported that Los Alamos National Laboratory Environmental Management contractor N3B “has released the Interim Facility-Wide Groundwater Monitoring Plan for the 2019 monitoring year which runs from October

to September 2019.” According to the article, the plan “states that it monitors four occurrences of water:” Base flow—persistent surface water; alluvial groundwater; perched-intermediate groundwater; and regional groundwater—deep, laterally continuous groundwater beneath the Pajarito Plateau. The article indicated that “seven major watershed groupings are monitored: Los Alamos/Pueblo Canyons, Sandia Canyon, Mortandad Canyon, Pajarito Canyon, Water Canyon/Cañon de Valle, the combined watersheds of Ancho/Chaquehui/ Frijoles Canyons, and White Rock Canyon.” Monitoring outside the Laboratory boundary, the article noted, “is conducted to collect baseline data in areas that have been affected by past Laboratory operations, such as Guaje and Rendija Canyons, or that have not been affected by Laboratory operations.” The plan, the article added, “also includes monitoring in off-site areas that could potentially be impacted by the Laboratory such as the Rio Grande and springs in White Rock Canyon.”

29. CBD oil sold freely in Knoxville, but state law, federal policy clash on its use (concerns Y-12)

Knoxville News Sentinel (Gaines) reported that “Cannabidiol oil, or CBD oil, derived from industrial hemp is sold freely at area health stores and vape shops,” but “if workers at Oak Ridge’s U.S. Department of Energy facilities and the Y-12 National Security Complex use it, they could be treated like users of heroin or LSD.” According to the article, that is “because federal law still classifies marijuana as a Schedule 1 drug – and though hemp-derived CBD oil has minimal amounts of the high-producing chemical THC, standard drug tests can’t tell the difference between hemp products and marijuana.” The article indicated that according to DOE and Y-12 representatives, the policy “applies to direct federal employees and contractors, a total of nearly 10,000 people.” Just over half of those affected, the article noted, “work at Y-12,” specifying that the policy “applies to all direct federal employees and contractors at Y-12, according to Steven Wyatt, spokesman for the National Nuclear Security Administration Production Office, which oversees the Y-12 National Security Complex and the Pantex company’s sister plant in Texas.”

30. Listen to this highly interesting radio recording of the F-117’s latest flight over Nevada

The Drive (Rogoway) reported that the recording stems from “Youtube user ‘Pdgl’s’ who also posted the July 26th F-117 video.” According to the article, “it is hours long and is incredibly interesting to listen to because it paints a picture of just how busy the Nellis Test and Training Range is on a weekday while a Red Flag international training exercise is underway.” According to the article, “you can listen to the Red Flag mission in the first half or so of the recording, including the calls from ground-control intercept (GCI) controllers pointing out targets for ‘red-air’ aggressors.” The article indicated that “during one particularly interesting portion of the audio, you hear in great detail an F-35 air-to-ground test flight in which one of the pilots—with an English or Australian accent—appears to have major problems with his laser designator and getting his bombs to land on target.” Finally, the article noted, “we come to the F-117 mission, which occurs at around four hours and thirty minutes into the recording.” The article explained that “you get to hear the pilots depart Tonopah and work with SIERA 98, a KC-135R tanker, for refueling training.” The article pointed out that “they even practice an emergency disconnect from the tanker,” and “then you hear the section of jets split in two with NIGHT 19 heading back to Tonopah for pattern work and the other F-117, NIGHT 17, heading south to what sounds like

the southern end of Area 51's test airspace."

31. Activists risking arrest keep up their "moral witness"

National Catholic Reporter (Benevento) reported that the participants in the Kings Bay Plowshares action "are not the only group willing to take risks while opposing nuclear weapons." According to the article, "other examples include annual protests at Lawrence Livermore National Laboratory in Livermore, California, held on Good Friday and on the anniversaries of the bombings of Hiroshima and Nagasaki, Japan." The Good Friday protests, the article noted, "have happened for more than three decades; dozens were arrested at the latest." The article indicated that "ten people were also cited in May for trespassing during a Mother's Day for Peace protest against the Trident submarine base housed at Naval Base Kitsap-Bangor in Silverdale, Washington," and "later that month, six people were arrested at Hanscom Air Force Base in Lincoln, Massachusetts; five were arrested at an annual Memorial Day protest in Kansas City, Missouri, at the National Security Campus." Such actions, the article detailed, "can simply involve activists blocking a gate or crossing a line onto a base and being briefly detained, but more intense actions, often associated with the Plowshares movement, can involve property destruction and lead to years in prison." The article pointed out that the "impracticability of Plowshares actions is a concern activists should consider, said David Cortright, director of policy studies at the University of Notre Dame's Kroc Institute for International Peace Studies," who "has been arrested several times protesting nuclear testing and apartheid." Mr. Cortright, the article detailed, "said risking arrest can be an effective tactic for social change," but "risking arrest can be more compelling when it is part of a larger movement, when it is combined with legislative advocacy and when it does not become routine."

32. U.S. spy agencies: North Korea is working on new missiles

Washington Post (Nakashima, Warrick) reported that U.S. spy agencies "are seeing signs that North Korea is constructing new missiles at a factory that produced the country's first intercontinental ballistic missiles capable of reaching the United States, according to officials familiar with the intelligence." The article indicated that "newly obtained evidence, including satellite photos taken in recent weeks, indicates that work is underway on at least one and possibly two liquid-fueled ICBMs at a large research facility in Sanumdong, on the outskirts of Pyongyang." According to the article, the reports "about new missile construction come after recent revelations about a suspected uranium-enrichment facility, called Kangson, that North Korea is operating in secret." The Sanumdong factory, the article noted, "has produced two of North Korea's ICBMs, including the powerful Hwasong-15, the first with a proven range that could allow it to strike the U.S. East Coast," and the "newly obtained evidence points to ongoing work on at least one Hwasong-15 at the Sanumdong plant, according to imagery collected by the National Geospatial-Intelligence Agency in recent weeks." The article pointed out that senior North Korean officials "have discussed their intention to deceive Washington about the number of nuclear warheads and missiles they have, as well as the types and numbers of facilities, and to rebuff international inspectors." Their strategy, the article added, "includes potentially asserting that they have fully denuclearized by declaring and disposing of 20 warheads while retaining dozens more."

33. North Korea expands facilities at missile site

The Wall Street Journal (Cheng) reported that North Korea "has constructed two new buildings at a missile facility in the northern suburbs of Pyongyang and appears to be

actively continuing production there, according to an analysis of newly available commercial satellite imagery, the latest sign of continued progress in the country's nuclear and missile program." According to the article, the satellite imagery, "which was captured on Sunday by San Francisco-based imagery provider Planet Labs Inc. and analyzed by experts at the Middlebury Institute of International Studies at Monterey, Calif., shows two buildings—believed to be an administrative building and a museum—newly erected at the site." The article indicated that "in addition to the construction activity, analysis of more than 40 satellite images taken this year shows consistent vehicle traffic at the site, which suggests that 'the North Koreans continue to show up for work.'" The signs of "continued activity at Sanum-dong," the article continued, "add to evidence that North Korea is making progress on its nuclear and missile programs." The article added that "previous satellite imagery analysis has shown the North recently expanding a facility in Hamhung that produces a key component of solid-fuel missiles, and constructing new facilities at its nuclear-enrichment site at Yongbyon."

34. Now Russia wants to bring back missile-armed Ekranoplans to defend its claims in the Arctic

The Drive (Trevithick) reported that "during the Cold War, the Soviet Union considered building a fleet of missile-armed Lun-class wing-in-ground-effect vehicles, also known as an 'ekranoplans.'" Now, the article pointed out, Russia "says it has plans to revive this concept with a design tentatively known as 'Orlan,' which could potentially offer the country a novel access and anti-access weapon in the increasingly contested Arctic region, as well as in more constrained waterways, such as the Black Sea and the Caspian Sea."

35. Malaysia will not allow ships carrying nuclear weapons to dock

Malaysia's Sun Daily reported that Defense Minister Mohamad Sabu said Malaysia "will not allow any ships carrying nuclear weapons to dock or carry out training in Malaysian waters because it could lead to conflict in the region." According to the article, Mr. Mohamad "was replying to a supplementary question from Hassan Abdul Karim (PH-Pasir Gudang) on the country's stand on nuclear-powered warships or those carrying nuclear weapons passing through Malaysian waters." The article indicated that he said "the Melaka was the busiest shipping route in the world with more than 100,000 ships passing through each year and that the security of the South China Sea and the strait was crucial to Malaysia." Mr. Mohamad, the article added, "said the presence of superpowers like China and the United States who were flexing their muscles in the South China Sea was very worrying."

Science

36. NREL: Community banks, credit unions finding success with solar loans

Solar Industry (Lilian) reported that "community and regional financial institutions (CRFIs), such as community banks and credit unions, are finding success with solar loans, according to a report from the U.S. Department of Energy's National Renewable Energy Laboratory (NREL)." The article indicated that the new NREL report "finds that a sample of 22 CRFIs are experiencing positive early performance of loans for photovoltaic systems," and these findings, "based on interviews and financial data collected from CRFIs across the U.S.," are included in the 'Solar Lending Practices by Community and Regional Financial Institutions' report, "which examines

the experiences of CRFIs that have developed and launched PV loan products and describes the evolution of PV loans and their performance.” The report, the article added, “also identifies data gaps that, if addressed, could support further development of these financial products.”

37. LBNL: Research shows that bacteria do in fact go extinct

Earth.com (Vandette) reported that researchers from the University of British Columbia, Caltech, and Lawrence Berkeley National Laboratory “used DNA sequencing and data analysis to create the first evolutionary tree of bacteria over the past billion years.” Even though the researchers “were able to track the evolutionary history of an estimated 1.4 to 1.9 million bacterial lineages through the years,” the article noted, “the resulting family tree only represents a small fraction of bacteria overall.” According to the article, the results, “published in the journal *Nature Ecology and Evolution*, show that bacteria have experienced thousands of extinctions throughout the years, between 45,000 and 95,000 extinctions in the last million years alone to be exact.” The article indicated that bacteria “have managed to avoid large mass extinction events and the researchers found that they have also been able to diversify exponentially without interruption, even with thousands of extinctions within their family tree.”

Climate Change/Global Warming

38. Supreme Court denies Trump administration’s request to halt youth climate lawsuit

The Hill (Cama) reported that the Supreme Court on Monday “denied the Trump administration’s plea to halt proceedings in a landmark lawsuit by young people seeking stronger federal action on climate change.” While rejecting the government’s request to “stop the discovery process of obtaining evidence and depositions,” the article noted, the High Court “nonetheless lodged criticisms of the case, which is known in lower courts as *Juliana v. United States*.”

National News

39. Four years later, new MH370 probe finds someone veered the plane off course

Washington Post (Wootson Jr.) reported that “after four years spent scouring every available detail about the final moments of the Beijing-bound flight, investigators in Malaysia determined that the plane’s disappearance was not caused by a mechanical or computer malfunction.” The article indicated that “some person, the investigation concluded, was responsible for the plane veering off course — a direction change that doomed all 239 people aboard.”

40. Fatal California wildfires spread, wreaking destruction

The Wall Street Journal (Carlton) reported that “wildfires spread across California Sunday, forcing officials to extend closure of the famed Yosemite Valley by another week and maintain evacuations for thousands of people farther north around Redding where the death toll climbed to at least six.”

Washington Schedule

Upcoming energy-related events in the Washington, D.C. area

Date	Host	Title

07/31	Atlantic Council	<u>Deterring Russia: Proposed Sanctions Legislation and Implications for Energy</u>
08/07	USEA	<u>Global Thermostat: A Carbon Negative Solution</u>
08/29	USEA	<u>Trends In Energy And Energy Efficiency Employment</u>
09/05	Young Conservatives for Energy Reform & Christian Coalition	<u>2018 Conservative Clean Energy Summit</u>
06/09	Coalition for a Resilient DC	<u>Evening of Resilience: Support DC's DER Authority</u>
10/07-10	ACEEE	<u>2018 Behavior, Energy and Climate Change Conference</u>
10/30-31	WGL Energy	<u>Solar Focus 2018</u>

Document 74

From: Smith, Wayne D
To: McCormack, Brian; Wilmot, Dan; Colgarv, James; Turenne, William; Hynes, Shavlyn; McNamee II, Bernard
Subject: FW: QUICK TURN: (b) (5)
Date: Tuesday, July 31, 2018 7:13:11 PM
Attachments: (b) (5)
Importance: High

Pls clear or provide comments as soon as practical, but no later than 7am.

V/r,
Wayne

(b) (5)

From: Smith, Wayne D
To: McNamee II, Bernard
Subject: RE: QUICK TURN: (b) (5)
Date: Tuesday, July 31, 2018 9:18:26 PM

Many thanks Bernie. So good to have u back!

V/r,
Wayne

From: McNamee II, Bernard <Bernard.McNamee@hq.doe.gov>
Date: Tuesday, Jul 31, 2018, 9:14 PM
To: Smith, Wayne D <Wayne.Smith@hq.doe.gov>
Subject: RE: QUICK TURN: (b) (5)

OP clears.

From: Smith, Wayne D <Wayne.Smith@hq.doe.gov>
Date: Tuesday, Jul 31, 2018, 7:13 PM
To: McCormack, Brian <Brian.Mccormack@hq.doe.gov>, Wilmot, Dan <Dan.Wilmot@hq.doe.gov>, Colgary, James <James.Colgary@hq.doe.gov>, Turenne, William <William.Turenne@hq.doe.gov>, Hynes, Shaylyn <Shaylyn.Hynes@hq.doe.gov>, McNamee II, Bernard <Bernard.McNamee@hq.doe.gov>
Subject: FW: QUICK TURN: (b) (5)

Pls clear or provide comments as soon as practical, but no later than 7am.

V/r,
Wayne

(b) (5)

(b) (5)

From: Konieczny, Katherine
To: McNamee II, Bernard; Cunningham, Sean; Fibbe, George
Subject: (b) (5)
Date: Tuesday, July 31, 2018 10:43:52 PM
Attachments: (b) (5)

PRIVILEGED CONFIDENTIAL

(b) (5)

Thanks,
Kathy

-----Original Message-----

From: McNamee II, Bernard
Sent: Tuesday, July 31, 2018 11:25 AM
To: Konieczny, Katherine <Katherine.Konieczny@Hq.Doe.Gov>; Cunningham, Sean <Sean.Cunningham@hq.doe.gov>; Fibbe, George <George.Fibbe@hq.doe.gov>
Subject: (b) (5)

(b) (5)

Thanks.

Bernie

-----Original Message-----

From: Konieczny, Katherine
Sent: Monday, July 30, 2018 10:27 PM
To: McNamee II, Bernard <Bernard.McNamee@hq.doe.gov>; Cunningham, Sean <Sean.Cunningham@hq.doe.gov>; Fibbe, George <George.Fibbe@hq.doe.gov>
Subject: (b) (5)

PRIVILEGED CONFIDENTIAL

Bernie and Sean, the working draft of the Addendum is attached. (b) (5)

Thank you,
Kathy

-----Original Message-----

From: Konieczny, Katherine
Sent: Monday, July 30, 2018 10:42 AM
To: McNamee II, Bernard <Bernard.McNamee@hq.doe.gov>; Cunningham, Sean <Sean.Cunningham@hq.doe.gov>; Fibbe, George <George.Fibbe@hq.doe.gov>
Subject: (b) (5)

PRIVILEGED CONFIDENTIAL

(b) (5)

(b) (5)

-----Original Message-----

From: McNamee II, Bernard

Sent: Saturday, July 28, 2018 5:29 PM

To: Konieczny, Katherine <Katherine.Konieczny@Hq.Doe.Gov>; Cunningham, Sean <Sean.Cunningham@hq.doe.gov>; Fibbe, George <George.Fibbe@hq.doe.gov>

Subject: (b) (5)

(b) (5)

. Thanks. Bernie

-----Original Message-----

From: Konieczny, Katherine

Sent: Thursday, July 26, 2018 11:00 PM

To: Cunningham, Sean <Sean.Cunningham@hq.doe.gov>; McNamee II, Bernard <Bernard.McNamee@hq.doe.gov>; Fibbe, George <George.Fibbe@hq.doe.gov>

Subject: (b) (5)

PRIVILEGED CONFIDENTIAL

(b) (5)

Thank you,
Kathy

Katherine (Kathy) Konieczny
Assistant General Counsel for Electricity and Fossil Energy
Forrestal 6D-033
(202) 586-0503

From: Yunaska, Kyle
To: McNamee II, Bernard
Subject: Approval Requested: Weekly S1 Report
Date: Tuesday, July 31, 2018 10:56:42 AM
Attachments: OP Weekly Report to S1.docx

Document 77

Hi Bernie,

Please see the attached draft S1 weekly report for approval. OP typically does not have anything to report but this week I included (b) (6) and also included policy proposal coordination in the 30-60 day look-ahead. This report goes to all of OP in addition to S1. Let me know if you have any concerns.

Thanks,
Kyle

Kyle R. Yunaska
Senior Advisor and Chief of Staff
U.S. Department of Energy, Office of Policy

From: Media Analyst (General)
To: doe
Subject: August 1, 2018 Daily News Briefing for DOE
Date: Wednesday, August 01, 2018 5:35:14 AM
Attachments: August 1, 2018 Daily News Briefing for DOE.pdf

DOE News

1. Sec. Perry says U.S. poised to become net exporter of energy within next 18 months
2. Sec. Perry to visit Oswego County nuclear plant
3. China derides U.S. plan for Indo-Pacific investment

Electricity/Cyber Security

4. PG&E sets up emergency centers to help fight California wildfires
5. DHS forms new cyber hub to protect critical U.S. infrastructure
6. U.S. military bases in Europe depend on Russian energy

Energy Efficiency and Renewable Energy

7. Careers for women in solar — potential in a growth industry
8. Dewa, EmiratesGBC host seminar on solar decathlon
9. Massachusetts legislature OKs “base hit” clean energy bill at end of session
10. Energy storage could take off in Massachusetts with proposed compromise on capacity ownership

Fossil Energy

11. Oil falls as U.S. inventories swell, economic growth slows
12. EIA: American oil production isn't growing as fast as expected
13. Coal-fired power plant in Healy accused of violating the Clean Air Act

Nuclear Energy

14. Holtec International buying Exelon's Oyster Creek nuclear plant
15. Dominion expects edge for Millstone in DEEP zero carbon auction
16. Nuclear operators scramble to make reactors flexible enough for new energy economy

Environmental Management/Nuclear Waste Storage

17. Deal reached to clean land around 3 U.S. plutonium reactors
18. Hanford plan will leave land so clean you could put a house on it, feds say

Nuclear Weapons/Security

19. Fire at Nevada National Security Site burns 1,600 acres
20. Savannah River Nuclear Solutions contract extension worth \$1B
21. Sandia: Saving sunbeams for a rainy day
22. LANL: Scientists test tiny labels for sorting out space debris
23. NNM CAB members hear report on LANL aggregate area investigation and remediation projects
24. N3B Los Alamos official tells NNM CAB clean-up of material disposal areas won't be quick
25. Fusion power: Watching, waiting, as research continues (concerns LLNL)
26. Defense bill includes conditional money for MOX
27. Minuteman III missile test launch from Vandenberg AFB ends in failure
28. China's Xian H-6K bomber might have a new weapon to sink the U.S. Navy

Science

- 29. Director gives “state of lab” talk on ORNL’s 75th anniversary
- 30. DOE adds \$10M to improve the Energy Exascale Earth System Model
- 31. Risa Wechsler named director of KIPAC
- 32. NREL: Researchers refine technique for cheaper, more efficient solar cells

Climate Change/Global Warming

- 33. Losing earth: The decade we almost stopped climate change
- 34. Levi’s plans to slash emissions in global supply chain by 2025

National News

- 35. Federal judge blocks posting of blueprints for 3-D-printed guns hours before they were to be published
- 36. U.S. says remains provided by North Korea likely American

Washington Schedule

DOE News

1. Sec. Perry says U.S. poised to become net exporter of energy within next 18 months

Reuters reported that Sec. Perry on Tuesday “said in an interview with Fox News Channel that the United States will become a net exporter of energy in the near-future as it makes leaps in producing and transporting liquefied natural gas.” According to the article, the secretary of energy stated that “in the next few years, probably within the next 12 to 18 months, we will become a net exporting country.” The Hill (Cama) reported that Sec. Perry on Tuesday “predicted that the United States will become a net exporter of energy within the next 18 months, an outlook that seemingly clashes with his department’s data office.” According to the article, Sec. Perry’s forecast “doesn’t match the Energy Information Administration (EIA), the data office within his own department.” The article indicated that the EIA “predicted earlier this year in its Annual Energy Outlook that the United States would become a net exporter in 2022, two years later than Perry’s expectation.” That analysis, however, the article noted, said “2020 is a possibility in a case in which the nation’s oil and natural gas resources and technology prove to be better than predicted.” The article added that Sec. Perry “credited the approaching milestone at least somewhat to advances in oil and natural gas production like hydraulic fracturing and directional drilling.” Newsmax also reported on the storyline.

2. Sec. Perry to visit Oswego County nuclear plant

Syracuse.com (Weiner) reported that Sec. Perry “plans to visit the James A. FitzPatrick nuclear plant in Oswego County on Wednesday, marking his first trip to a nuclear power plant since joining President Donald Trump’s cabinet.” According to the article, Sec. Perry “accepted an invitation from U.S. Rep. John Katko to tour the plant and meet with its new owner, Exelon Corp., and state and local officials who pushed for a state bailout last year.” The article indicated that Sec. Perry and Rep. Katko, “R-Camillus, will take part in a private roundtable discussion about nuclear energy with Exelon executives and local government officials during Wednesday’s visit to the FitzPatrick plant.”

3. China derides U.S. plan for Indo-Pacific investment

Washington Examiner (Gehrke) reported that “a new American-led effort to counter China’s use of infrastructure subsidies to purchase influence in the Indo-Pacific drew a derisive response from the Asian power.” According to the article, Chinese Foreign

Ministry spokesman Geng Shuang said during Tuesday's press briefing that "if my memory serves me correctly, this is not the first time for them to make this statement," but "as a Chinese saying goes, talking up big is not as good as rolling up sleeves."

Electricity/Cyber Security

4. PG&E sets up emergency centers to help fight California wildfires

Daily Energy Insider (Kovaleski) reported that Pacific Gas and Electric Company (PG&E) "has set up several emergency operations centers to help emergency workers fight the Carr wildfires burning in Northern California." Through these operation centers, the article noted, "the company is supporting first responders and local agencies and monitoring its gas and electric infrastructure." The article indicated that PG&E "has added more than 50 new weather stations – with a total of around 200 planned in 2018 – to improved awareness of fire danger conditions and better predict where a wildfire could occur." At the request of firefighters, the article continued, "PG&E has turned off power to some customers located near the City of Redding, which is hard hit by the Carr Fire. The article added that the shut off "is an emergency measure to support safety and firefighting efforts," noting that at present, "PG&E has turned off gas service for about 500 customers with this number expected to grow."

5. DHS forms new cyber hub to protect critical U.S. infrastructure

Washington Examiner (Giaritelli) reported that Homeland Security Secretary Kirstjen Nielsen "announced Tuesday the creation of a new office within the department tasked with thwarting cyberattacks from foreign adversaries on America's critical infrastructure, including banks, energy, and other industries." According to the article, the National Risk Management Center "was rolled out to chief executives from top private sector companies and several Cabinet officials, including Vice President Mike Pence, at a government summit on cybersecurity in lower Manhattan." NRMC, the article noted, "was developed to bridge the communication gap and implement a risk management approach between the government and private sector companies that have been affected and could be the target of future cyberattacks." The article indicated that the office "will oversee all cross-sector risk management activities and serve as the first point of contact for companies who have been attacked and need to alert the government." NRMC's first point of business, the article added, is identifying "what is truly critical" to "protect, developing methods for both sectors to guard them, and then creating a specific approach to how threats are handled."

6. U.S. military bases in Europe depend on Russian energy

Oilprice.com (Paraskova) reported that "as Russia aims to tighten its grip over European energy supply, especially in natural gas with the controversial Nord Stream 2 pipeline project, Europe's energy dependence on Moscow is a concern for U.S. lawmakers who worry that American military bases in Europe also depend on energy from Russia." According to the article, U.S. lawmakers "are calling upon the Department of Defense to cut reliance on Russian energy at military bases in Europe, and to introduce sanctions against the Nord Stream 2 project." The article indicated that Defense Logistics Agency data show that "close to 40 percent of oil used at military sites in Germany comes from Russia." U.S. bases, the article pointed out, "need backup power supply to ensure reliable electricity and other energy supplies should a power outage occur, or should the energy supply be compromised," noting that backup supply "could come from microgrids capable of operating off the main

grid, bulk energy storage, and even electric vehicles (EVs) whose batteries can be used to power homes.”

Energy Efficiency and Renewable Energy

7. Careers for women in solar — potential in a growth industry

CleanTechnica (Fortuna) reported that “according to the 2017 Solar Jobs Census from The Solar Foundation, solar labor increased by 168% in the past 7 years, from about 93,000 jobs in 2010 to more than 250,000 jobs in 2017.” Yet, the article pointed out, “women in solar make up just 27% of the workforce.” According to the article, women “have a considerable opportunity to make careers in solar energy and join in on the highly skilled, well-paying solar jobs.” In 2017, the article noted, DOE reported that energy sectors “employed roughly 6.4 million Americans, up nearly 5%, or 300,000 jobs, from the prior year.” The article detailed that “electric power generation and fuels technologies comprised most hires at 1.9 million,” specifying that “of those, about 374,000 hires work full- or part-time in the solar industry.”

8. Dewa, EmiratesGBC host seminar on solar decathlon

Trade Arabia reported that Dubai Electricity and Water Authority (Dewa), “in collaboration with the Emirates Green Building Council (EmiratesGBC), has organised the Solar Decathlon Middle East Seminar, which emphasised the importance of Net Zero Energy Buildings through the Solar Decathlon Middle East (SDME), which is organised by Dewa.” The article indicated that SDME “is part of an agreement between Dewa and the Dubai Supreme Council of Energy with the US Department of Energy.” According to the article, Dubai “will host the first two rounds of this competition; the first in November 2018 with the participation of 18 university teams from 13 countries, and the second in 2020 to coincide with Expo 2020 Dubai.”

9. Massachusetts legislature OKs “base hit” clean energy bill at end of session

The Republican (Serreze) reported that “an energy bill that emerged from conference committee Monday night represents modest progress in Massachusetts’ transition to clean, renewable power, environmental groups said.” According to the article, the bill “modestly raises the renewable portfolio standard, which tells utilities how much renewable power they have to buy,” noting that “it increases it one percent per year until 2020, by two points until 2030, and by one point per year thereafter.” The article indicated that the bill “could double the state’s offshore wind capacity,” as it directs the Department of Energy Resources “to solicit another 1,600 megawatts of offshore wind in addition to the 1,600 megawatts authorized under a 2016 law.” In tandem with the wind piece, the article added, the legislation “establishes an energy storage target of 1,000 megawatt-hours by 2026.”

10. Energy storage could take off in Massachusetts with proposed compromise on capacity ownership

Utility Dive (Maloney) reported that “after a week of negotiations, stakeholders in Massachusetts have reached a compromise that allows the owners of solar and storage facilities in the state to retain ownership of capacity rights.” According to the article, the compromise “allows owners of residential solar and storage facilities to retain the right to bid the capacity from their facilities into ISO New England’s forward capacity market.” The article indicated that “owners of larger facilities retain the capacity rights for storage facilities and would have the right to buy out from utilities the capacity rights for net metered facilities such as solar power plants that include

storage capability or add storage capability.”

Fossil Energy

11. Oil falls as U.S. inventories swell, economic growth slows

Reuters (Sheldrick, Gloystein) reported that oil prices “fell on Wednesday after industry data showed U.S. stockpiles of crude unexpectedly rose, and as economic growth slowed, especially in Asia, amid the escalating trade dispute between the United States and China.” According to the article, Brent futures “dropped 28 cents, or 0.4 percent, to \$73.93 a barrel by 0634 GMT,” and U.S. crude futures “were down 41 cents, or 0.6 percent, at \$68.35 a barrel.”

12. EIA: American oil production isn't growing as fast as expected

Bloomberg (Tobben) reported that American drillers “pumped 10.442 million barrels a day in May -- about 300,000 fewer barrels per day than the Energy Information Administration had projected.” The article indicated that “in a report released Tuesday, the agency revised its weekly production estimates for the month, lowering average May output by 3 percent.” According to the article, the slide “comes as the nation churns out records volume of crude, with explorers expanding the U.S. rig fleet by more than 110 since January.” The decline, “reported in the EIA’s monthly Crude Oil and Natural Gas Production report,” the article noted, “suggests that figures for June also may clock in lower than estimated,” adding that “for now, the agency’s preliminary June production estimate is a record 11 million barrels a day.”

13. Coal-fired power plant in Healy accused of violating the Clean Air Act

KTUU (Burke) reported that “Golden Valley Electric Association and the U.S. Environmental Protection Agency have reached a settlement agreement over accusations a troubled coal-fired power plant owned by the rural utility exceeded lawful mercury emissions while operating in 2015 and 2016.” According to the article, “more than \$300 million dollars have gone into construction and upgrades of the 50MW plant, a coal-fired boiler which creates steam to drive electricity-producing turbines.” The article indicated that “built in the 1990s with money from the Department of Energy and the State of Alaska, it has never operated correctly and remained unused for nearly 16 years until 2015.” GVEA, the article noted, “purchased the plant in 2013,” and “after retrofitting and upgrades, the plant fired up in 2015.” The article explained that “trouble with the system — it suffered two explosions — caused the plant to shut down again in early 2017.” During that brief run, the article elaborated, “the federal civil penalty action accuses GVEA of violating the Clean Air Act, and comes just as GVEA is working to bring the plant, known as Healy Unit 2, online once again.” The article added that “it started operating the plant this month, first with oil then transitioning to coal, with hopes of offering commercial electricity to the interior communities it serves by September.”

Nuclear Energy

14. Holtec International buying Exelon's Oyster Creek nuclear plant

The Inquirer (Brubaker) reported that Holtec International “has agreed to buy Exelon’s Oyster Creek nuclear power plant in Ocean County and said it will complete the previously announced decommissioning in eight years, far less than the 60-year plan proposed by Exelon.” According to the article, the sale, “pending regulatory approvals, is expected to close next summer.”

15. Dominion expects edge for Millstone in DEEP zero carbon auction

The Day (Kail) reported that regulators on Tuesday “paved a way for Millstone Power Station to gain an edge in a state-run electricity auction after months of debate over whether the plant is at risk of early closure.” The article indicated that “in its request for proposals for zero carbon energy released Tuesday evening, the Department of Energy and Environmental Protection said it would let energy producers try to convince regulators they’re ‘at risk’ of closure before 2022.” According to the article, that “could boost Millstone’s proposals, as they’ll be scored on environmental and grid benefits along with price.” The article pointed out that DEEP’s decision “means as early as 2019, Millstone could potentially gain an advantage over facilities competing in the RFP, which is open to hydropower, solar and wind producers.”

16. Nuclear operators scramble to make reactors flexible enough for new energy economy

Forbes (McMahon) reported that Arizona Public Service “is studying the possibility of using excess energy from its Palo Verde Nuclear Power Plant, when solar energy is flooding the grid, to desalinate brackish water.” In Illinois, the article continued, Exelon “is looking at repurposing a reactor to produce hydrogen when there’s plenty of wind energy on the grid, then using the hydrogen for steelmaking, ammonia production or fuel-cell vehicles.” Across the country, the article noted, nuclear operators “are trying to figure out whether they can ramp down their reactors, which are optimized to run at maximum capacity, during those hours or seasons when renewable energy is abundant.” According to the article, the Arizona and Illinois examples “are case studies undertaken by the utilities, EPRI, and the Department of Energy to repurpose nuclear energy when it’s not needed for electricity production.”

Environmental Management/Nuclear Waste Storage

17. Deal reached to clean land around 3 U.S. plutonium reactors

AP (Geranios) reported that “a portion of the vast Washington state site where the U.S. government created much of the plutonium for the nation’s nuclear arsenal will be scrubbed free of radiation and other pollution under a final plan reached by the U.S. Department of Energy and federal and state regulators.” According to the article, the plan “announced Monday would spend \$200 million to finish the cleanup of nearly 8 square miles (20 square kilometers) of the 586-square-mile (1,500-square-kilometer) Hanford Nuclear Reservation, where plutonium was made for nuclear weapons during World War II and the Cold War.” The article added that the land involved in the plan “contains three of Hanford’s nine plutonium reactors.”

18. Hanford plan will leave land so clean you could put a house on it, feds say

Tri-City Herald (Cary) reported that “a final plan for cleanup of the Hanford nuclear reservation at the horn of the Columbia River will leave land clean enough to live on.” According to the article, Rod Lobos, the Environmental Protection Agency project manager for the D and H reactor areas, said that the area will be “clean enough for all potential future uses, including residential.” The article pointed out that “while the land is expected to be left natural, with some possible limited recreational use near the river, the newly approved cleanup plan would bring the area back to standards that would allow someone to live there.”

Nuclear Weapons/Security

19. Fire at Nevada National Security Site burns 1,600 acres

FOX5 Las Vegas (Yahm) reported that “a fire at the Nevada National Security Site has burned 1,600 acres, officials said Tuesday.”

20. Savannah River Nuclear Solutions contract extension worth \$1B

Aiken Standard (Demarest) reported that Savannah River Nuclear Solutions’ one-year contract extension “is valued at an estimated \$1 billion, a Department of Energy spokesperson said Tuesday.” The article indicated that SRNS, the Savannah River Site management and operations contractor, “can secure nearly \$45 million in fees between Aug. 1 and July 31, 2019, according to a contract modification document.” The contract extension, the article added, “covers the site while the DOE drums up interest for the next management and operations contract.”

21. Sandia: Saving sunbeams for a rainy day

Albuquerque Journal (Hayden) reported that “on the vast, scrubby landscape of Kirtland Air Force Base, a tall, albeit nondescript, tower rises above its surroundings.” This, the article noted, “is Sandia National Laboratories’ National Solar Thermal Test Facility, and it’s being used by researchers to develop a renewable energy that could fill a gap in the capabilities of photovoltaic and wind energy.” According to the article, “each of the 218 units, called heliostats, is made up of 25 square mirrors whose sole purpose is to optimally reflect the sun’s light.” The article indicated that “it’s called concentrating solar power technology, and the test facility has been at the forefront of its development since its construction 40 years ago,” noting that Sandia “hosted a 40th anniversary celebration at the facility on Tuesday, offering tours to members of the media and solar industry, Sandia retirees and politicians.” The article pointed out that “while the National Solar Thermal Test Facility has a rich history of developing and enhancing concentrating solar power technology, the facility will continue to play a role in its future.” Sandia, “along with SolarReserve and other partners,” the article elaborated, “was recently awarded \$10 million by the U.S. Department of Energy to develop a concentrating solar power system using what’s called high temperature falling particle technology,” which would “concentrate sunlight onto and heat sand-like particles falling through the beam, removing the heat resistance created by pipes.” The article explained that DOE “will choose between Sandia and two groups – one using a liquid and the other using a gas as a medium – after two years of research,” and the winner “will be awarded another \$25 million to build a pilot facility.” If Sandia is chosen, the article added, the pilot facility “would be built at the test facility.”

22. LANL: Scientists test tiny labels for sorting out space debris

Inside Science (Skibba) reported that David Palmer, “an astrophysicist at Los Alamos National Lab in New Mexico, and his colleagues are working on a way to keep tabs on the growing space traffic.” According to the article, Mr. Palmer “normally studies pulsars -- distant celestial bodies that emit regular pulses of radio waves -- but he realized that their low-power signals could be a model for tracking human-made objects in space.” This, the article noted, “inspired Palmer and his colleagues to develop postage stamp-sized beacons for satellites that are uniquely identifiable, like license plates in space.” The article highlighted that “these devices, if successful, could become ubiquitous in the industry and help address the worsening problem of proliferating space junk.”

23. NNM CAB members hear report on LANL aggregate area investigation and remediation projects

Los Alamos Daily Post (O’Neill) reported that “during its July 25 meeting at Santa Fe

Community College, Northern New Mexico Citizens' Advisory Board members heard from Brenda Bowlby, N3B Los Alamos project manager for the Aggregate Area Soils Remediation Program at Los Alamos National Laboratory on a total of 28 aggregate areas on site that were contaminated over time with past historic use." According to the article, the "end goal of the program is not to have to clean up the contaminated areas anymore but to receive a certificate of completion for the work from the New Mexico Environment Department (NMED) and be able to remove each aggregate area from the LANL Resource Conservation Reclamation Act (RCRA) Hazardous Waste Facility Permit."

24. N3B Los Alamos official tells NNM CAB clean-up of material disposal areas won't be quick

Los Alamos Daily Post (O'Neill) reported that "Erich Evered, director of the Resource Conservation Reclamation Act (RCRA) remediation program for N3B Los Alamos, LLC at Los Alamos National Laboratory, explained the diverse nature of what needs to be cleaned up at the Lab's Material Disposal Areas for Northern New Mexico Citizens' Advisory Board members during their July 25 meeting in Santa Fe." According to the article, "he said there are liquids, sludges, various solids, volatile organic chemicals (VOCs), non-nuclear explosive residues and radiological compounds and rad-contaminated materials all of which need to be cleaned up." The article indicated that Mr. Evered said "there are 26 MDAs in all and that the N3B contract is responsible for eight." Mr. Evered, the article added, "said the program is going to continue with semi-annual monitoring and annual reporting just to make sure no new releases are happening and continue to evaluate soil vapor extraction as possibly a part of a remediation or remedy for MDA L."

25. Fusion power: Watching, waiting, as research continues (concerns LLNL)

Power Magazine (Maize) reported that "the other major U.S. approach to fusion energy is using lasers at the DOE's National Ignition Facility (NIF) at the Lawrence Livermore National Laboratory in California." According to the article, "details of the NIF project, including budgetary numbers, are scarce as the program has both military and civilian aspects." The project, the article noted, "studies how matter behaves under conditions when nuclear bombs detonate." The article indicated that the "key to the technology is 'inertial confinement,' using lasers to heat the outer layers of a hydrogen atom target to compress it," which "produces plasma to a point where a fusion reaction can occur." Project construction, the article explained, "began in 1997, but a series of problems slowed progress," and "according to a well-sourced Wikipedia post, NIF has been running years behind schedule and is more than 'four times more expensive than originally budgeted.'" NIF enthusiasts, the article detailed, "see it as the best path toward commercial fusion power," and "last October, a Forbes article touted NIF: 'World's largest laser could solve our energy problems.'" But, the article pointed out, Science magazine last summer "cited a report in Physics Today that an independent DOE report suggested NIF may never achieve ignition, the critical first step in further moves toward controlled fusion." The report, the article specified, said, "barring an unforeseen technical breakthrough and given today's configuration of the NIF laser, achieving ignition on the NIF in the near term (one to two years) is unlikely and uncertain in the mid-term (five years)," and the "question is if the NIF will be able to reach ignition in its current configuration, not when it will occur."

26. Defense bill includes conditional money for MOX

The Augusta Chronicle (Folker) reported that a defense funding bill “approved by the U.S. House last week contains money for the mixed-oxide fuel facility at Savannah River Site, but includes a provision that would let the energy secretary decide not to spend it.” The article indicated that “while it would require the Secretary of Energy ‘to carry out construction and project support activities’ relating to MOX, it also would allow the secretary to waive the requirement if he satisfactorily explains his action to the congressional defense committees.” The Senate’s version of the bill, the article noted, “would have prohibited the Department of Energy from spending any money to terminate construction and project support activities for MOX, but the conference committee cut it.”

27. Minuteman III missile test launch from Vandenberg AFB ends in failure

Noozhawk (Scully) reported that “range safety crew members at Vandenberg Air Force Base terminated the flight of an unarmed Minuteman III intercontinental ballistic missile after it launched early Tuesday morning.” According to the article, Air Force Global Strike Command representatives “said crews sent the self-destruct command at 4:42 a.m. while the missile flew over the Pacific Ocean.” The article indicated that the “three-stage weapon earlier had blasted out of an underground silo on North Base en route to a predetermined target in the central Pacific Ocean near the Kwajalein Atoll.” Air Force officials, the article noted, “will form a ‘launch analysis group’ to investigate the cause of the failure.” The article added that the panel “will include representatives from Global Strike Command, the 576th Flight Test Squadron, the 30th Space Wing Safety Office and the Air Force Nuclear Weapons Center, among other organizations.”

28. China's Xian H-6K bomber might have a new weapon to sink the U.S. Navy

The National Interest (Majumdar) reported that “rumors abound on the Chinese Internet that Beijing has tested a new air launched anti-ship ballistic missile—or potentially some form of other hypersonic weapon—from a Xian H-6K bomber.” The article pointed out that “if the rumor proves to be true, it would mark a significant increase in Chinese anti-access/area denial capabilities.” According to the article, the “PLAAF’s strategic bomber force is particularly important for China’s anti-access/area-denial strategy, which is designed to keep U.S. forces out of Western Pacific,” and though the Xian H-6K “is based on the venerable 1950s-era Tupolev Tu-16 Badger, the modernized jet is still a force to be reckoned with especially when armed with modern long-range cruise and—potentially ballistic—missiles.” The article indicated that “it is possible that Beijing has adapted one of its smaller, short-range land-based ballistic missiles such as the DF-15 into an air-launched variant similar in concept to how the Russians adapted the 9K720 Iskander into the Kh-47M2 Kinzhal.” In the Chinese case, the article noted, “assuming that Beijing’s air launched ballistic missile was based on the 600km range DF-15; it would likely gain a significant boost in range even when launched from the subsonic H-6K.” The main drawback of “using the DF-15 as the basis of an air launched ballistic missile,” the article continued, “is the weapon’s huge size and weight—it is nearly 30ft long and weighs more about 13,700lbs.” The article added that the H-6K “can carry that much payload easily, but the weapon would likely need to be mounted on a specially modified hardpoint,” and might “also require airframe modifications to handle increased stresses.”

Science

29. Director gives “state of lab” talk on ORNL’s 75th anniversary

Oak Ridger (Krause) reported that “in celebrating its 75th anniversary, Oak Ridge National Laboratory aspires to be the best research institution in the world while continuing to boost the economy of the city of Oak Ridge and surrounding counties.” According to the article, on Thursday when he delivered the second talk in the 21st annual Dick Smyser Community Lecture series, ORNL Director Thomas Zacharia said “it’s important to step back and remember why we were created and what we did to transform the world and give the next generations at the national laboratory a sense of that purpose.” The article indicated that “in his second year as director of ORNL, Zacharia shared his optimism and enthusiasm as he conveyed the laboratory management’s vision with an audience of 150 at Oak Ridge Associated Universities’ Pollard Auditorium.” Director Zacharia, the article noted, said that “ORNL is best in the world not only in the neutron and computational sciences (including data analysis), but also in advanced materials for energy and isotope production.”

30. DOE adds \$10M to improve the Energy Exascale Earth System Model

HPC Wire (Russell) reported that DOE “announced \$10 million for 13 new projects in support of the Energy Exascale Earth System Model (E3SM), which seeks to provide more accurate and higher-resolution understanding and simulation of weather and climate events by using supercomputing facilities at DOE National Laboratories.” The article indicated that “according to DOE, the new projects are ‘aimed at improving representation of oceans, atmosphere, and clouds, as well as simulation of extreme weather events such as intense precipitation, tropical cyclones, and monsoons.’” The article added that there is also a “focus on longer-term processes, such as the so-called Pacific Decadal Oscillation, a recurring pattern of ocean and atmosphere interaction that occurs over decades in the Pacific.”

31. Risa Wechsler named director of KIPAC

Stanford News (Gnida) reported that Risa Wechsler “has been appointed director of the Kavli Institute for Particle Astrophysics and Cosmology (KIPAC), a joint institute of the Department of Energy’s SLAC National Accelerator Laboratory and Stanford University.” The article indicated that “on Sept. 15, she’ll take over from TOM ABEL, whose five-year term at the helm of the institute is coming to an end.”

32. NREL: Researchers refine technique for cheaper, more efficient solar cells

R&D Magazine (Walter) reported that scientists from DOE’s National Renewable Energy Laboratory (NREL) “are hoping to refine a technique called hydride vapor phase epitaxy (HVPE) to produce cheaper, more efficient solar cells capable of producing more electricity.” According to the article, the “new and refined version of HVPE—called dynamic HVPE (D-HVPE)—uses a dual chamber reactor where the substrate moves back and forth between the chambers to greatly reduce the time it takes to make a solar cell.” The article indicated that “a single junction solar cell that takes an hour or two using MOVPE can be produced in just two minutes using the new HVPE method.” The article highlighted that this method “comes with a 25.3 percent efficiency, just shy of the world record for such a cell, which is 28.8 percent and was grown using MOVPE by a California company.”

Climate Change/Global Warming

33. Losing earth: The decade we almost stopped climate change

The New York Times (Rich) reported that the world “has warmed more than one degree Celsius since the Industrial Revolution.” According to the article, the Paris climate agreement — “the nonbinding, unenforceable and already unheeded treaty signed on Earth Day in 2016 — hoped to restrict warming to two degrees.” The article indicated that the “odds of succeeding, according to a recent study based on current emissions trends, are one in 20.” If “by miracle we are able to limit warming to two degrees,” the article noted, “we will only have to negotiate the extinction of the world’s tropical reefs, sea-level rise of several meters and the abandonment of the Persian Gulf.” The article explained that the climate scientist James Hansen has called two-degree warming “a prescription for long-term disaster,” but “long-term disaster is now the best-case scenario.” Three-degree warming, the article added, “is a prescription for short-term disaster: forests in the Arctic and the loss of most coastal cities.”

34. Levi’s plans to slash emissions in global supply chain by 2025

The Wall Street Journal (Phillips) reported that Levi Strauss & Co. “is launching an effort to slash the environmental impact of the factories world-wide that make its apparel and accessories.” The article indicated that “by 2025, the denim brand wants to cut greenhouse gas emissions by 40% in its supply chain, a sprawling set of third-party factories and mills in 39 countries that produce the bulk of its merchandise, from its iconic jeans to T-shirts, jackets and other goods.”

National News

35. Federal judge blocks posting of blueprints for 3-D-printed guns hours before they were to be published

Washington Post (Paul, Flynn, Zezima) reported that “a federal judge has blocked the public availability of blueprints that provide instructions for making guns using 3-D printers, just hours before the documents were expected to be published online.”

36. U.S. says remains provided by North Korea likely American

Reuters (Smith) reported that “more than 50 boxes handed over by North Korea to the United States last week appear to hold human remains from the 1950-1953 Korean War and are likely American, according to an initial forensic analysis, a U.S. official said on Wednesday.”

Washington Schedule

Upcoming energy-related events in the Washington, D.C. area

Date	Host	Title
08/07	USEA	<u>Global Thermostat: A Carbon Negative Solution</u>
08/29	USEA	<u>Trends In Energy And Energy Efficiency Employment</u>
09/05	Young Conservatives for Energy Reform & Christian Coalition	<u>2018 Conservative Clean Energy Summit</u>
06/09	Coalition for a	<u>Evening of Resilience: Support DC's DER</u>

	Resilient DC	<u>Authority</u>
10/07-10	ACEEE	<u>2018 Behavior, Energy and Climate Change Conference</u>
10/30-31	WGL Energy	Solar Focus 2018

From: Cunningham, Sean
To: McNamee II, Bernard; Fibbe, George
Subject: FW: Privileged and confidential draft , pre-decisional/deliberative process
Date: Monday, June 25, 2018 8:11:11 AM

PRIVILEGED AND CONFIDENTIAL

FYI Makovich's write-up below. For consideration.

From: Lawrence Makovich [mailto:Lawrence.Makovich@ihsmarkit.com]
Sent: Sunday, June 24, 2018 8:56 PM
To: Cunningham, Sean <Sean.Cunningham@hq.doe.gov>
Cc: Cody, Bill <Bill.Cody@hq.doe.gov>
Subject: Privileged and confidential draft , pre-decisional/deliberative process

Draft

Privileged and Confidential

Pre-decisional/ Deliberative Process

Sean,
(b) (4)

(b) (4)

(b) (4)

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